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CHAPTER-1 BASIC RATE

Sr. No.	Code	Description	Unit	Rate
1	A001	15mm cement plaster in C.M 1:3	sq.m.	138.34
2	A002	15mm cement plaster in C.M 1:4	sq.m.	127.67
3	A003	15mm cement plaster in C.M 1:6	sq.m.	116.71
4	A004	Brick work in C.M. 1:5	cu.m.	3392.44
5	A005	Cement Concrete 1:2:4	cu.m.	3165.6
6	A006	Cement Concrete 1:2:4 Column, Pillars RCC	cu.m.	3359.54
7	A007	Cement Concrete 1:2:4 Slab RCC	cu.m.	3359.54
8	A008	Cement Concrete 1:3:6	cu.m.	2482.46
9	A009	Cement Concrete 1:4:8	cu.m.	2137.44
10	A010	Cement Concrete 1:5:10	cu.m.	2029.82
11	A011	Cement Concrete M-150 (5-23-C)	cu.m.	3459.19
12	A012	Cement Concrete M-150 (5-23-D)	cu.m.	3519.72
13	A013	Cement Concrete M-200 column, pillars RCC	cu.m.	3879.45
14	A014	Cement Concrete M-200 Slab RCC	cu.m.	3818.93
15	A015	Cement Concrete M-250 column, pillars RCC	cu.m.	4062.32
16	A016	Cement Concrete M-250 slab RCC	cu.m.	4001.79
17	A017	Cement Mortar 1:1	cu.m.	5604.75
18	A018	Cement Mortar 1:2	cu.m.	3990.41
19	A019	Cement Mortar 1:3	cu.m.	3201.84
20	A020	Cement Mortar 1:4	cu.m.	2555.56
21	A021	Cement Mortar 1:5	cu.m.	2207.57
22	A022	Cement Mortar 1:6	cu.m.	1891.08
23	A023	Cement Mortar 1:8	cu.m.	1611
24	A024	Excavation Hard Rock	cu.m.	554.95
25	A025	Excavation Soft Rock	cu.m.	268.33
26	A026	Extra for steel sheet in form work	sq.m.	66.25
27	A027	Form Work (Ord. Timber) (9-1-B1)	sq.m.	215.82
28	A028	Form Work (Ord. Timber) (9-1-G1)	sq.m.	267.84
29	A029	Form Work (Ord. Timber) (9-1-H1)	sq.m.	162.41
30	A030	Form work : vertical surface as wall or partition (9.1 C)	sq.m.	227.02
31	A031	Lime Concrete 1:2:4	cu.m.	1853.46
32	A032	Lime Mortar 1:1.5	cu.m.	1522.76
33	A033	Lime Mortar 1:2	cu.m.	1400.97
34	A034	Lime Mortar 1:3	cu.m.	1297.65
35	A036	Priming coat over new steel	sq.m.	28.85
36	A048	Applying Priming coat (19-9-B)	sq.m.	32.24
37	A049	Oil Painting two coat (19-11)	sq.m.	67.72
38	A050	35mm thick shutter Alu. butt hinges (B) Fully Glazed 10.12(ii)	sq.m.	2531.27
39	A051	Teak Wood Frame	cu.dm.	690.11
40	A052	35mm thick shutter Alu. butt hinges (C)Partly Glazed	sq.m.	2928.73
41	A053	35mm thick shutter enameled butt hinges (A) Fully Panelled	sq.m.	3326.19
42	A054	Brick work in C.M. 1:6	cu.m.	3259.75
43	A055	Rubble pointing in C.M 1:3	sq.m.	96.22
44	A056	Mild Steel for Bridge Work	MT	38162.02
45	A057	Painting on new steel two coats with enamel paint	sq.m.	67.38
46	A059	I.P.S. 1:2:4 (40mm thick)	sq.m.	223.48
47	A060	Terrazo Light shades	sq.m.	634.64
48	A061	Steel HYSD	kg	41.14
49	A062	Laying & spreading of material using HMP /DMP including rolling with necessary process	MT	398

Sr. No.	Code	Description	Unit	Rate
50	A063	Form work : vertical surface as wall or partition (9.1 C)	sq.m.	207.26
51	A064	Form work : Chajja (9.1 L)	sq.m.	130.87
52	A065	35mm Thick shutter enemeled butt hinges (A) Fully Glazed	sq.m.	2437.17
53	A066	20mm Thick Cement plaster in C.M. 1:3	sq.m.	173.09
54	A067	20mm Thick Cement plaster in C.M. 1:4	sq.m.	158.61
55	A068	Neat cement floating coat	sqm	38.66
56	C001	Cariage of GSW pipe lead 100mm (upto 10 ton)	Rmt	1.64
57	C001A	Cariage of GSW pipe lead 100mm (more than 10 ton)	Rmt	1.64
58	C002	Cariage of GSW pipe lead 125mm (upto 10 ton)	Rmt	2.45
59	C002A	Cariage of GSW pipe lead 125mm (more than 10 ton)	Rmt	2.45
60	C003	Cariage of GSW pipe lead 150mm (upto 10 ton)	Rmt	3.27
61	C003A	Cariage of GSW pipe lead 150mm (more than 10 ton)	Rmt	3.27
62	C004	Cariage of GSW pipe lead 200mm (upto 10 ton)	Rmt	3.27
63	C004A	Cariage of GSW pipe lead 200mm (more than 10 ton)	Rmt	3.27
64	C005	Cariage of RCC pipe lead 250mm (upto 10 ton)	100 Rmt	1191.03
65	C005A	Cariage of RCC pipe lead 250mm (more than 10 ton)	100 Rmt	1191.03
66	C006	Cariage of RCC pipe lead 300mm (upto 10 ton)	Rmt	16.24
67	C006A	Cariage of RCC pipe lead 300mm (more than 10 ton)	Rmt	16.24
68	C007	Cariage of RCC pipe lead 350 to 400 mm (upto 10 ton)	Rmt	17.86
69	C007A	Cariage of RCC pipe lead 350 to 400 mm (more than 10 ton)	Rmt	17.86
70	C008	Cariage of RCC pipe lead 450 to 500 mm (upto 10 ton)	Rmt	35.73
71	C008A	Cariage of RCC pipe lead 450 to 500 mm (more than 10 ton)	Rmt	35.73
72	C009	Cariage of RCC pipe lead 600 700 & 750 mm (upto 10 ton)	Rmt	59.55
73	C009A	Cariage of RCC pipe lead 600 700 & 750 mm (more than 10 ton)	Rmt	59.55
74	C010	Cariage of RCC pipe lead 900 to 1200mm (upto 10 ton)	Rmt	89.23
75	C010A	Cariage of RCC pipe lead 900 to 1200mm (more than 10 ton)	Rmt	89.23
76	C011	Carriage Hoops Iron (upto 10 ton)	MT	190.68
77	C011A	Carriage Hoops Iron (more than 10 ton)	MT	190.68
78	C012	Carriage of Asbestos Sheet (upto 10 ton)	MT	220.41
79	C012A	Carriage of Asbestos Sheet (more than 10 ton)	MT	169.74
80	C013	Carriage of Bitumen (upto 10 ton)	MT	263.01
81	C013A	Carriage of Bitumen (more than 10 ton)	MT	263.01
82	C014	Carriage of Bricks (upto 10 ton)	1000 Each	498.24
83	C014A	Carriage of Bricks (more than 10 ton)	1000 Each	498.24
84	C015	Carriage of brick bats chhara (upto 10 ton)	cu.m.	249.12
85	C015A	Carriage of brick bats chhara (more than 10 ton)	cu.m.	249.12
86	C016	Carriage of Brick aggregate 40mm size (upto 10 ton)	cu.m.	249.12
87	C016A	Carriage of Brick aggregate 40mm size (more than 10 ton)	cu.m.	249.12
88	C017	Carriage of C.I. Grating (upto 10 ton)	Each	2.84
89	C017A	Carriage of C.I. Grating (more than 10 ton)	Each	2.84
90	C018	Carriage of chips agg. (upto 10 ton)	cu.m.	157.96
91	C018A	Carriage of chips agg. (more than 10 ton)	cu.m.	157.96
92	C019	Carriage of Cement (upto 10 ton)	MT	210.41
93	C019A	Carriage of Cement (more than 10 ton)	MT	159.74
94	C020	Carriage of CI cover and frame (upto 10 ton)	Each	28.46
95	C020A	Carriage of CI cover and frame (more than 10 ton)	Each	28.46
96	C021	Carriage of CI cover without frame (upto 10 ton)	each	13.8
97	C021A	Carriage of CI cover without frame (more than 10 ton)	each	13.8
98	C022	Carriage of Coarse Sand (upto 10 ton)	cu.m.	140.37

Sr. No.	Code	Description	Unit	Rate
99	C022A	Carriage of Coarse Sand (more than 10 ton)	cu.m.	106.54
100	C023	Carriage of concrete block (39cm x 20cm x 19cm) (upto 10 ton)	100 Each	249.12
101	C023A	Carriage of concrete block (39cm x 20cm x 19cm) (more than 10 ton)	100 Each	249.12
102	C024	Carriage of Earth. 0.5km. (upto 10 ton)	cu.m.	108.97
103	C024A	Carriage of Earth. 0.5km. (more than 10 ton)	cu.m.	82.74
104	C025	Carriage of Earth. 1km. (upto 10 ton)	cu.m.	116.89
105	C025A	Carriage of Earth. 1km. (more than 10 ton)	cu.m.	88.75
106	C026	Carriage of Earth. 2km. (upto 10 ton)	cu.m.	132.11
107	C026A	Carriage of Earth. 2km. (more than 10 ton)	cu.m.	100.29
108	C027	Carriage of Earth. 3km. (upto 10 ton)	cu.m.	147.12
109	C027A	Carriage of Earth. 3km. (more than 10 ton)	cu.m.	111.68
110	C028	Carriage of Fine Sand (upto 10 ton)	cu.m.	140.37
111	C028A	Carriage of Fine Sand (more than 10 ton)	cu.m.	106.54
112	C029	Carriage of Marble (upto 10 ton)	cu.m.	157.96
113	C029A	Carriage of Marble (more than 10 ton)	cu.m.	157.96
114	C030	Carriage of Marble Chips (upto 10 ton)	cu.m.	156.78
115	C030A	Carriage of Marble Chips (more than 10 ton)	cu.m.	118.9
116	C031	Carriage of Murrum (upto 10 ton)	cu.m.	205.57
117	C031A	Carriage of Murrum (more than 10 ton)	cu.m.	155.98
118	C032	Carriage of Rubble (upto 10 ton)	cu.m.	383.51
119	C032A	Carriage of Rubble (more than 10 ton)	cu.m.	295.4
120	C033	Carriage of Precast slabs (concrete) (upto 10 ton)	cu.m.	280
121	C033A	Carriage of Precast slabs (concrete) (more than 10 ton)	cu.m.	280
122	C034	Carriage of Quarry Spall (upto 10 ton)	cu.m.	181.12
123	C034A	Carriage of Quarry Spall (more than 10 ton)	cu.m.	137.44
124	C035	Carriage of Steam Coal (upto 10 ton)	MT	98.26
125	C035A	Carriage of Steam Coal (more than 10 ton)	MT	98.26
126	C036	Carriage of Steel (upto 10 ton)	MT	220.41
127	C036A	Carriage of Steel (more than 10 ton)	MT	169.74
128	C037	Carriage of Hand Broken Stone agg. 40 to 63mm (upto 10 ton)	cu.m.	295.51
129	C037A	Carriage of Hand Broken Stone agg. 40 to 63mm (more than 10 ton)	cu.m.	226.65
130	C038	Carriage of Brick agg. 20mm size (upto 10 ton)	cu.m.	249.12
131	C038A	Carriage of Brick agg. 20mm size (more than 10 ton)	cu.m.	249.12
132	C039	Carriage of Stone Aggregate 20mm size (upto 10 ton)	cu.m.	256.28
133	C039A	Carriage of Stone Aggregate 20mm size (more than 10 ton)	cu.m.	256.28
134	C040	Carriage of Stone Aggregate 40mm size (upto 10 ton)	cu.m.	620.72
135	C040A	Carriage of Stone Aggregate 40mm size (more than 10 ton)	cu.m.	586.89
136	C041	Carriage of tiles (upto 10 ton)	1000 Each	47
137	C041A	Carriage of tiles (more than 10 ton)	1000 Each	47
138	C042	Carriage of Timber (upto 10 ton)	cu.m.	140.37
139	C042A	Carriage of Timber (more than 10 ton)	cu.m.	106.54
140	C043	Carriage of Unslaked Lime (upto 10 ton)	cu.m.	140.37
141	C043A	Carriage of Unslaked Lime (more than 10 ton)	cu.m.	106.54
142	C044	Carriage Of Tube	Tonne	450
143	C053	Carriage of Galvenized MS Tubes upto 50mm dia (upto 10 ton)	Each	2.41
144	C053A	Carriage of Galvenized MS Tubes upto 50mm dia (more than 10 ton)	Each	2.41
145	C054	Carriage of sheets GI/MS (upto 10 ton)	MT	316.95
146	C054A	Carriage of sheets GI/MS (more than 10 ton)	MT	316.95

Sr. No.	Code	Description	Unit	Rate
147	C055	Carriage of Stone Aggregate 6mm size (upto 10 ton)	cu.m.	620.72
148	C055A	Carriage of Stone Aggregate 6mm size (more than 10 ton)	cu.m.	586.89
149	C062	Carriage of Stone (upto 10 ton)	cu.m.	620.72
150	C062A	Carriage of Stone (more than 10 ton)	cu.m.	586.89
151	E001	Extra for 40mm thick shutters instead of 35mm thick	L.S	60
152	E002	Less for 25mm thick shutters instead of 35mm thick	L.S	50
153	E003	Extra for Labour Charges for Hot Mix Plant	L.S	398
154	E004	Extra for Carriage of Stone	L.S	2.47
155	E005	Extra for Scaffolding	L.S	2.47
156	E006	Extra for Blasting Powder	L.S	365
157	E007	Extra Labour for Sinking And Chiselling	L.S	970
158	E008	Extra for knetledge block of CC 1:3:6 and labour for loading	L.S	741
159	E009	Extra for Cover blocks	L.S	21
160	E010	Extra for Labour charges for cutting, Bending and welding	L.S	10
161	E011	Extra for controlled Concrete	L.S	490
162	E012	Extra cost of centering and shuttering	L.S	230
163	E013	Extra Cost of Hire Charges for Mech. Mixer	L.S	52.9
164	E014	Extra for Cement Mortar 1:3 for Mixing	L.S	44
165	E015	Extra for Carriage of Panels, shuters, particle board etc.	L.S	6.32
166	E016	Extra for M.S. Plate / Flat	L.S	8
167	E017	Extra cost of rivet fixing, hook and wahser etc.	L.S	15.4
168	E018	Extra for RCC precast jali 50mm thick	L.S	187
169	E019	Carriage of material etc. 89647,5300,55 Rawl,9800 1st class carpen,5600	L.S	1.49
170	E020	Labour charges for light fitting & diffusers	L.S	175
171	E021	Labour Charges for filling Rock Wool	L.S	5.21
172	E022	Labour Charges for Installation of Vapour Breather Membrane	L.S	15
173	E023	Wastage and overlapping of the thermal bubble insulation	L.S	6
174	E024	Transporation of thermal bubble insulation from factory to site including loading / unloading	L.S	6
175	E025	Labour Charges for fixing thermal bubble insulation	L.S	25
176	E026	Labour Charges for fixing 12mm thick Cement Board	L.S	140
177	E027	Conveyance charge 5 km lead	L.S	235.51
178	H001	Hire Charges for Bitiminious filter oil Fire	Hour	208
179	H002	Hire Charges for Bitiminious Mixer	Hour	187
180	H003	Hire Charges for Boiler	Hour	140
181	H004	Hire Charges for Pneumatic Road Roller	Hr	655
182	H005	Hire Charges for Tendon Road Roller	Hour	655
183	H006	Hire charges for Comprssor	Per Day	240
184	H007	Hire charges for Crane	Hr	825
185	H008	Hire Charges for Mech. Mixer (Extra Cost)	L.S	52.9
186	H009	Hire Charges for Mech. Mortar mill	L.S	36.3
187	H010	Hire charges for penumatic drill & Pavement bracker	Hr	100.7
188	H011	Hire charges for road Roller	Per Day	2800
189	H012	Hire charges for vibrator	L.S	40
190	H013	Hire Charges for Vibratory Road Roller	Hour	48
191	H014	Hire charges of required pilling Machineries	Hour	625
192	H015	Hire charges of surface Vibrator	Each	60
193	H016	Hydraulic Excavator 1 cum bucket capacity @ 60 cum per hour	hour	840

Sr. No.	Code	Description	Unit	Rate
194	H017	Tipper 10 tonne capacity	tonne	1.6
195	H018	Dozer 80 HP for spreading @ 200 cum per hour	hour	2400
196	H019	Motor grader for grading @ 100 cum per hour	hour	1545
197	H020	Vibratory roller 8 - 10 tonnes @ 100 cum per hour	hour	994
198	H021	Hire Charges of drilling machine	Days	325
199	H022	Tractor with rotoator	hrs	245
200	H023	Bitumen emulsion pressure distributor	days	600
201	I001	Decling and Degresing (Board)	sq.m.	52.5
202	I002	Descling and Degresing (Stand & Frame) any size and shape	Rmt	22
203	I003	Epoxy Coating (Board)	sq.m.	310
204	I004	Epoxy Coating (Stand & Frame)	Rmt	103
205	I005	Epoxy Primer Coating (Board)	sq.m.	31.9
206	I006	Epoxy Primer Coating (Stand & Frame)	Rmt	31.9
207	I007	Fabrication Labour for (Board)	kg	15
208	I008	Fabrication Labour for (Stand)	kg	15
209	I009	Filling sand in bags with stitching	Each	3
210	I010	Loading sand bags	Each	3
211	I011	Unloading bags	Each	2
212	I012	Lifting and fixing in position of Precast parapet max 1.05m height	Rmt	835
213	I013	Painting Charges (Board)	sq.m.	46
214	I014	Painting Charges (Letter) Size upto 100mm	L.S	5
215	I015	Revenue Charges For Land Acquisition	Km	300
216	I016	Compensation for earth taken from private land.	Cum	40
217	I017	Conveyance From 0.5 Km (10.00 Tonne)	EACH	128.82
218	I018	Conveyance From 1.0 Km (10.00 Tonne)	EACH	138.24
219	I019	Conveyance From 2.0 Km (10.00 Tonne)	EACH	156.33
220	I020	Conveyance From 3.0 Km (10.00 Tonne)	EACH	174.19
221	I021	Compaction with roller cost	Hrs	994
222	I022	welding	cm	2.6
223	L001	Labour charges - Bandhani	Each	278.4
224	L002	Labour charges - Bhisti	Each	286.4
225	L003	Labour charges - Blacksmith 1st Class	Each	294
226	L004	Labour charges - Blacksmith 2nd Class	Each	286.4
227	L005	Labour charges - Breaker	Each	278.4
228	L006	Labour charges - Bullock with Driver to Mortar Mill	Each	286.4
229	L007	Labour charges - Carpenter 1st Class	Each	294
230	L008	Labour charges - Carpenter 2nd Class	Each	286.4
231	L009	Labour charges - Chowkidar	Each	278.4
232	L010	Labour charges - Compressor Operator	Each	286.4
233	L011	Labour charges - Crane operator with Helper	Each	664.8
234	L012	Labour charges - Excavator	Each	278.4
235	L013	Labour charges - Extra labar sinking and chisselling	Each	1948.8
236	L014	Labour charges - Fitter	Each	286.4
237	L015	Labour charges - Glazier	Each	286.4
238	L016	Labour charges - Handcart with Mazdoor	Each	393
239	L017	Labour charges - Hole Driller	Each	278.4
240	L018	Labour charges - Mason 1st Class	Each	294
241	L019	Labour charges - Mason 2nd Class	Each	286.4
242	L020	Labour charges - Mate	Each	278.4
243	L021	Labour charges - Mazdoor (Female)	Each	278.4
244	L022	Labour charges - Mazdoor (Male)	Each	278.4
245	L023	Labour charges - Mistry	Each	286.4
246	L024	Labour charges - Painter	Each	286.4
247	L025	Labour charges - Plumber (Fitter)	Each	294

Sr. No.	Code	Description	Unit	Rate
248	L026	Labour charges - Plumber(Fitter)Assist	Each	286.4
249	L027	Labour charges - Polisher	Each	286.4
250	L028	Labour charges - Spraymen	Each	286.4
251	L029	Labour charges - Supervision for Machinery	Each	294
252	L030	Labour charges - Welder	Each	286.4
253	L031	Labour charges - White Washer	Each	286.4
254	L032	Labour charges - Winch Operator	Each	286.4
255	L034	Labour for Applying Two Coat of Preventive Coating on Steel per day (Painter)	Days	286.4
256	L035	Labour for Removing (Descaling) Rust & Applying one coat per day (Semi Skilled)	Days	294
257	L036	Semi Skill helper	days	194.5
258	L037	Unskilled Labour	days	194.5
259	L038	Labour charges - Mazdoor with Hand Cart	each	393
260	L039	helper	days	199.9
261	L040	Labour charges Beldar	Each	300
262	L044	Labour charges - Chiseller (Semi Skilled)	Each	286.4
263	M001	A.C. Bend (plain) 100mm	Each	0
264	M002	A.C. Bend (plain) 75mm dia	Each	0
265	M003	A.C. Bend without Door 100 mm dia	Each	0
266	M004	A.C. Bend without Door 80 mm dia	Each	0
267	M005	A.C. Bowl 100mm dia	Each	0
268	M006	A.C. Bowl 75mm dia	Each	0
269	M007	A.C. Double 'Y' junction with plug 100mm dia	Each	0
270	M008	A.C. Double 'Y' junction with plug 80mm. dia	Each	0
271	M009	A.C. Junction single equal 150mm. dia	Each	0
272	M010	A.C. North Light Ventilator Curves	Each	0
273	M011	A.C. Pipe 2.0 M long 100 mm dia	Each	0
274	M012	A.C. Pipe 2.0 M long 80 mm dia	Each	0
275	M013	A.C. pipe clamp 100mm dia	Each	0
276	M014	A.C. pipe clamp 75mm dia	Each	0
277	M015	A.C. Sheet Ridge 1.22 M Long	Pair	0
278	M016	A.C. Socketed Half round Gutter 150 mm dia	Each	0
279	M017	A.C. Socketed Half round Gutter 300 mm dia	Each	0
280	M018	A.C. Standard shoe 150mm. dia	Each	0
281	M019	Abonite ball cock 25mm dia	Each	103
282	M020	Abonite ball cock 50mm dia	Each	138
283	M021	Acid proof paint (Chocolate or Black)	Litre	220
284	M022	Aldrop 20mm. dia Size with necessary fitting Iron Oxidised 20cms. Length	Each	45
285	M023	Aldrop 20mm. dia Size with necessary fitting Iron Oxidised 25cms. Length	Each	50
286	M024	Aldrop 20mm. dia Size with necessary fitting Iron Oxidised 30cms. Length	Each	60
287	M025	Aldrop 20mm. dia Size with necessary fitting Iron Oxidised 35cms. Length	Each	70
288	M026	Aldrop 20mm. dia Size with necessary fitting Alluminium 20cms. Length	Each	80
289	M027	Aldrop 20mm. dia Size with necessary fitting Alluminium 25cms. Length	Each	82
290	M028	Aldrop 20mm. dia Size with necessary fitting Alluminium 30cms. Length	Each	110
291	M029	Aldrop 20mm. dia Size with necessary fitting Alluminium 35cms. Length	Each	130
292	M030	Aldrop 20mm. dia Size with necessary fitting Brass 20cms. Length	Each	255

Sr. No.	Code	Description	Unit	Rate
293	M031	Aldrop 20mm. dia Size with necessary fitting Brass 25cms. Length	Each	275
294	M032	Aldrop 20mm. dia Size with necessary fitting Brass 30cms. Length	Each	290
295	M033	Aldrop 20mm. dia Size with necessary fitting Brass 35cms. Length	Each	320
296	M034	Aldrop 20mm. dia Size with necessary fitting Brass CP 20cms. Length	Each	270
297	M035	Aldrop 20mm. dia Size with necessary fitting Brass CP 25cms. Length	Each	285
298	M036	Aldrop 20mm. dia Size with necessary fitting Brass CP 30cms. Length	Each	290
299	M037	Aldrop 20mm. dia Size with necessary fitting Brass CP 35cms. Length	Each	320
300	M038	Aluminum paint	Litre	200
301	M039	Aluminum Perforated jali of any size	sq.m.	185
302	M040	Aluminum Powder	kg	14
303	M041	Aluminum sheet 22 guage thick	sq.m.	225
304	M042	Angle bracket Iron 10 x 12 size (25cms x 30cms.)	Doz.	227
305	M043	Angle bracket Iron 12 x 14 size (309 cms. x 35cms)	Doz.	235
306	M044	Angle size 15 x 15 cm. (Glazed)	10 Each	110
307	M045	Anodised Alluminum Screws 20 mm	100 Each	49
308	M046	Anodised Alluminum Screws 30 mm	100 Each	73
309	M047	Anodised Alluminum Screws 40 mm	100 Each	78
310	M048	Anodised Aluminum Butt hinges 100 mm x 63 mm x 3.2 mm	10 Each	239
311	M049	Anodised Aluminum Butt hinges 50 mm x 45 mm x 3.2 mm	10 Each	123
312	M050	Anodised Aluminum Butt hinges 75 mm x 45 mm x 3.2 mm	10 Each	130
313	M051	Anodised Aluminum Butt hinges 75 mm x 63 mm x 3.2 mm	10 Each	157
314	M052	Anticorrosive bituminous paint	Litre	90
315	M053	Asbestos Rope	Rmt	9
316	M054	Asphalt CRMB 50 Bulk	MT	39020
317	M055	Asphalt CRMB 50 pack	MT	39293
318	M056	Asphalt CRMB 55 Bulk	MT	39715
319	M057	Asphalt CRMB 55 Pack	MT	39426
320	M058	Asphalt CRMB 60 Bulk	MT	39652
321	M059	Asphalt CRMB 60 Pack	MT	39314
322	M060	Asphalt Grade 30/40 Pack	MT	39439
323	M061	Asphalt Grade 60/70 Bulk	MT	35973
324	M062	Asphalt Grade 60/70 Pack	MT	38773
325	M063	Asphalt Grade 80/100 Bulk	MT	35204
326	M064	Asphalt Grade 80/100 pack	MT	38004
327	M065	Asphalt Grade30/40 Bulk	MT	34437
328	M066	Asphalt PMB SB 40 Bulk	MT	8049
329	M067	Asphalt PMB SB 40 Pack	MT	12047
330	M068	Asphalt PMB SB 70 Bulk	MT	8241
331	M069	Asphalt PMB SB 70 Pack	MT	12342
332	M070	Bajri or figure glass 3mm thick	sq.m.	190
333	M071	Bajri or figure glass 4mm thick	sq.m.	225
334	M072	Ball Catch width spring 1/2 Dia (13mm)	Each	10
335	M073	Ball Catch width spring 5/8 Dia. (16mm)	Each	8
336	M074	Ballies 125 mm dia.	Rmt	36
337	M075	Ballies 80 mm dia.	Rmt	27

Sr. No.	Code	Description	Unit	Rate
338	M076	Barbed wire for fencing of galvanized steel wire	Quintal	6800
339	M077	Bat clamps 100 mm dia	Each	18
340	M078	Bat clamps 80 mm dia	Each	13
341	M079	Battens 75mm x100mm. country wood	cu.dm.	24
342	M080	Battens Indian teakwood size 12mm x 12mm	Rmt	4
343	M081	Battens Indian teakwood size 12mm x 19mm	Rmt	6.5
344	M082	Battens Indian teakwood size 12mm x 35mm	Rmt	14
345	M083	Battens Indian teakwood size 19mm x 19mm	Rmt	8.5
346	M084	Battens Indian teakwood size 19mm x 25mm	Rmt	13
347	M085	Battens 50 mm x 25 mm	Rmt	24
348	M086	Battens 50 mm x 50 mm	cu.dm.	24
349	M087	Battens 75 mm x 100 mm	Rmt	24
350	M088	Battens 75 mm x 50 mm	cu.dm.	24
351	M089	Bees Wax	kg	72
352	M090	Bevelled edge mirror 600mm x 450mm	Each	273
353	M091	Bilimoria Brick	1000 Each	3638
354	M092	Binding wire of 18 gauge thick annealed iron	kg	47
355	M093	Binding Wires	kg	47
356	M094	Bitumen Washer	100 Each	49
357	M095	Bituminous Paint	Litre	51
358	M096	Black Japan Paint.	Litre	51
359	M097	Black plastic sheet with cover with C.P. Brass Hinges and Rubber butters white Vitrious China	Each	291
360	M098	Black stone for cooking Platfrom (1.50 Sq.Mt.)	Each	553
361	M099	Blasting Powder	kg	51
362	M100	Bolt 'L' 3 to 4 size iron (7.5cms to 10 cms)	Doz.	65
363	M1000	Waterproof gypsum board 12.5 mm thick	Sqm	150
364	M1001	Perimetre channel 15 mmx 27 mm x 30 mm x 0.55 mm	Rmt	30
365	M1002	Intermediate channel of size 15 mm x 45 mm x 0.90 mm at 1220 C/C	Rmt	47.1
366	M1003	Ceiling steel section of size 80 mm x 26 mm x 0.50 mm at 457 mm C/C	Rmt	49
367	M1004	Celing angle of size 25 mm x 10 mm	Rmt	15
368	M1005	Sofit cleat of size 22 mm x 37 mm	No.	2
369	M1006	Raw / plug	No.	6
370	M1007	Nut bolts	No.	2
371	M1008	Connecting clips	No.	4.25
372	M1009	Joining paper tap	Rmt	1
373	M101	Bolts 12 mm dia. 10 cm. Long	kg	64
374	M1010	Joining compound	kg	28
375	M1011	Migratory Corrosion Admixture POLYALK CP 293	kg	242.57
376	M1012	Migratory Corrosion Admixture POLYALK CP 293	kg	242.57
377	M1013	Rock Wool	kg	52.08
378	M1014	Vapour Breather Membrane	Sqm	150
379	M1015	One-side alluminium thermal bubble insulation barrier including taxes	Sqm	100
380	M1016	12mm thick Cement Fibre Board	Sqm	538
381	M1017	Factory finished cold formed Light guage steel Sheet	kg	105.8
382	M1018	Powder coated Alluminium Section 63.50 x 38.10 x 1.95 mm @ Wt. 1.094 Kg/mt	Kg	235
383	M1019	CSS1	kg	45
384	M102	Bolts 12 mm dia. 10 cm. Long	kg	64
385	M103	Boundry Stone	Each	37
386	M104	Brass Screw Down bib type. 15mm dia.	Each	164
387	M105	Brass Screw Down bib type. 20mm dia	Each	206
388	M106	Brass screw down stop cock 15 mm dia	Each	206

Sr. No.	Code	Description	Unit	Rate
389	M107	Brass screw down stop cock 20 mm dia	Each	224
390	M108	Brass screw down stop cock 25 mm dia	Each	221
391	M109	Brick bats chhara	cu.m.	153
392	M110	Brick aggregate 40mm size	cu.m.	153
393	M111	C.I. Cap Gril As per Std. Design	Each	52
394	M112	C.I. Cover with frame 300mm x 300mm	Each	468
395	M113	C.I. Cover with frame 455mm x 610mm	Each	959
396	M114	C.I. Cover with frame 500mm x 700mm	Each	1333
397	M115	C.I. Cover with frame 600mm x 850mm	Each	4301
398	M116	C.I. Cover with frame for manholes	Quintal	6639
399	M117	C.I. Cover without frame 300mm x 300mm	Each	550
400	M118	C.I. Cover without frame 455mm x 610mm	Each	1128
401	M119	C.I. Cover without frame 500mm x 700mm	Each	1568
402	M120	C.I. Cover without frame 600mm x 850mm	Each	5060
403	M121	C.I. Cover without frame for manholes	Quintal	7810
404	M122	C.I. Cowel 100 mm dia	Each	402
405	M123	C.I. Cowel 75mm dia	Each	290
406	M124	C.I. Flushing cistem with fittings 12.5 Litre High level	Each	748
407	M125	C.I. Greeting 100 mm x 100 mm	Each	68
408	M126	C.I. Nahni trap	Each	159
409	M127	C.I. or M.S Brackets	Each	52
410	M128	C.I. ring painted with coal tar	Each	110
411	M129	C.I. steps 50cm x 15cm. 2.25cm.	Each	131
412	M130	C.P. Brash Screws & Washers 25 mm size	Each	17
413	M131	C.P. Brass 1/2 turn flush cock 20 mm dia	Each	255
414	M132	C.P. Brass 1/2 turn flush cock 25 mm dia	Each	264
415	M133	C.P. Brass 1/2 turn flush cock 32 mm dia	Each	276
416	M134	C.P. Brass shower rose 100mm dia.	Each	281
417	M135	C.P. Brass toilet paper holder of stand and size	Each	258
418	M136	C.R.C Sheet	Quintal	5270
419	M137	Cast iron grating 100mm dia.	Each	37
420	M138	Cast iron grating 150mm dia.	Each	52
421	M139	Cast Iron Spigot and Socket soil pipe 100mm	Each	1380
422	M140	Cast Iron Spigot and Socket soil pipe 75mm	Each	1146
423	M141	Cast Steel Rocker Bairing	MT	58905
424	M142	Cast Steel Rocker Rocker Bairing	MT	58905
425	M143	Cement	MT	4756
426	M144	Cement Bags (Empty)	Each	2.81
427	M145	Ceramic Tiles	sq.m.	306
428	M146	Chain link 2 10 x 10 gauge (Galvanised)	sq.m.	300
429	M147	Chain link 2.5 10x10 gauge chain link Plastic	sq.m.	300
430	M148	Chapras for cupboard Brass Size 4 to 6	Doz.	335
431	M149	Chapras for cupboard Brass Size less than 4	Doz.	310
432	M150	Chapras for cupboard Iron Size 3x6 (7.5cms x 15cms)	Doz.	82
433	M151	Chapras for cupboard Iron Size less than 3 (9.5 cms.)	Doz.	62
434	M152	Chicken wire mesh 16 x24	sq.m.	215
435	M153	Chromium Plated brass Bib tap. 15mm dia.	Each	187
436	M154	Chromium Plated brass Bib tap. 20mm dia.	Each	215
437	M155	Chromium platted bottle trap	Each	281
438	M156	Clamps in two semi-circular halves of M.S. Flat 40 mm x 3 mm	kg	60
439	M157	Coal Tar	Litre	28
440	M158	Coarse sand	cu.m.	196
441	M159	Coil type spring	Each	196
442	M160	Coir string	kg	39
443	M161	Cold Twisted Bars	Quintal	3300

Sr. No.	Code	Description	Unit	Rate
444	M162	Commercial Plywood Sheet 12 mm	sq.m.	361
445	M163	Commercial Plywood Sheet 19 mm	sq.m.	451
446	M164	Commercial Plywood Sheet 25 mm	sq.m.	502
447	M165	Commercial Plywood Sheet 6 mm	sq.m.	183
448	M166	Common Burnt clay Bricks Conventional size	1000 Each	3570
449	M167	Common Burnt clay Bricks Modular size 20x10x10 cm	1000 Each	3740
450	M168	Contry wood Malayasian mersova (imported)	cu.dm.	30
451	M169	Coolex glass (Heat resistant)	sq.m.	275
452	M170	Copper metal ball cock 25mm dia	Each	133
453	M171	Copper metal ball cock 50mm dia	Each	190
454	M172	Corrugated A.C. Sheet 6 mm thick	sq.m.	0
455	M173	Corrugated A.C. Sheet 7 mm thick	sq.m.	0
456	M174	Country Wood	cu.dm.	26
457	M175	Crimp Jali 12 gauge	sq.m.	315
458	M176	Crushed stone aggregate for Hard Quality 10 to 20mm size	cu.m.	330
459	M177	Crushed stone aggregate for Hard Quality 10mm size	cu.m.	390
460	M178	Crushed stone aggregate for Hard Quality 20mm size	cu.m.	413
461	M179	Crushed stone aggregate for Hard Quality 40mm size	cu.m.	319
462	M180	Crushed stone aggregate for Hard Quality 40mm to 63mm size	cu.m.	293
463	M181	Crushed stone aggregate for Hard Quality 6 to 10mm size	cu.m.	274
464	M182	Crushed stone aggregate for Hard Quality 6mm size	cu.m.	0
465	M183	Dark shade pigment	kg	76
466	M184	Datta nylon for furniture size 1 to 1 1/4 (2.5 cms to 3.0 cms)	Each	8
467	M185	Datta rubber for door size upto 1 (2.5cms)	Each	15
468	M186	Decorative ply wood 4 mm thick	sq.m.	298
469	M187	Devdar wood battens and Planks	cu.dm.	24
470	M188	Diesel	Litre	49.55
471	M189	Distemper Primer	Litre	68
472	M190	Door closers (Heavy type of 765 number) Hardwire or Everite Prabhat or Equivalent.	Each	550
473	M191	Door closers arrow type with spring 12 length as approved sample (30 cms)	Each	560
474	M192	Door shutters Decorative type 25mm. thick Both sides teak finished	sq.m.	1300
475	M193	Door shutters Decorative type 35mm. thick Both sides teak finished	sq.m.	1270
476	M194	Dry Distemper	kg	43
477	M195	Emulsion with aldring heptachlor or chlordane	Litre	149
478	M196	Emulsion with Dieldrin	Litre	149
479	M197	Enamel Paint	Litre	179
480	M198	Enamel Primer	Litre	115
481	M199	Expanded metal jali 12 x 12 gauge	sq.m.	190
482	M200	Extra cost of R.S. having width 3.5Mt. & above	sq.m.	274
483	M201	Fevicol S.R. 998	kg	180
484	M202	Fibre Base Bitumen Saturated under Layer Type-L	sq.m.	89
485	M203	Fibre Base Self finished Felt Type-II. Grade	sq.m.	103
486	M204	Fibre Insulation Board 12 mm thick	sq.m.	188
487	M205	Fibre Insulation Board 18 mm thick	sq.m.	272
488	M206	Fibre Insulation Board 25 mm thick	sq.m.	349
489	M207	Fifth K.M. Pre Cast R.C.C. Stone as per I.R.C.Type Design.	Each	1071
490	M208	Fifth K.M. Stone as per I.R.C.Type Design.	Each	670

Sr. No.	Code	Description	Unit	Rate
491	M209	Fine sand	cu.m.	179
492	M210	Flat back wash basin Colour glazed 450 x 300 size	Each	550
493	M211	Flat back wash basin Colour glazed 550 x 400 size	Each	523
494	M212	Flat back wash basin Colour glazed 630 x 510 size	Each	1365
495	M213	Flat back wash basin White vitrious china 450mm x 300mm size	Each	475
496	M214	Flat back wash basin White vitrious china 550mm x 400mm	Each	650
497	M215	Flat back wash basin White vitrious china 630 x 510 size	Each	1310
498	M216	Flushing cistern P.V.C. with fittings 12.5 Litre high level	Each	800
499	M217	Flushing cistern White vitrious with C.P. Brass handle etc. 12.5 Litre Low level	Each	1590
500	M218	Fly Ash Brick	1000 Each	4250
501	M219	Fuel Steam Coal	Quintal	170
502	M220	Fuse	Each	111
503	M221	G.I Sheet 0.8 mm thick Corrugated class-3	Quintal	5376
504	M222	G.I Sheet 0.8 mm thick Plain class-3	Quintal	5230
505	M223	G.I Sheet 0.8 mm thick Semi-Circular class-3	Quintal	5230
506	M224	G.I. Barbed Wire	Quintal	6800
507	M225	G.I. Pipe 30 cm long 50 mm dia	Each	102
508	M226	G.I. J or L Hooks	10 Each	88
509	M227	G.I. Plain Washer	100 Each	88
510	M228	G.I.Seam Bolts and Nuts 25 mm x 6 mm	10 Each	117
511	M229	G.S.W. fitting Bends. 100mm dia.	Each	50
512	M230	G.S.W. fitting Bends. 150mm dia	Each	60
513	M231	G.S.W. Half round channel 150mm dia. 60 Cm long	Each	46
514	M232	G.S.W. Junction 100 mm dia	Each	64
515	M233	G.S.W. Junction 150 mm dia	Each	118
516	M234	Galvanised Mild steel tube Lower Grade 150mm dia	Rmt	950
517	M235	Galvanised Mild steel tube Medium Grade 15mm dia	Rmt	94
518	M236	Galvanised Mild steel tube Medium Grade 20mm dia	Rmt	122
519	M237	Galvanised Mild steel tube Medium Grade 25mm dia	Rmt	173
520	M238	Galvanised Mild steel tube Medium Grade 32mm dia	Rmt	219
521	M239	Galvanised Mild steel tube Medium Grade 40mm dia	Rmt	267
522	M240	Galvanised Mild steel tube Medium Grade 50mm dia	Rmt	349
523	M241	Galvanised Mild steel tube Medium Grade 65mm dia	Rmt	437
524	M242	Galvanised Mild steel tube Medium Grade 80mm dia	Rmt	564
525	M243	Gauge Plate	Quintal	4675
526	M244	Geru in crystal (Sona)	kg	1.8
527	M245	GIMS Nuts 5 mm thick 80 mm dia	Each	64
528	M246	GIMS T 65 mm x 65 mm	Each	269
529	M247	Glass 2 mm to 3 mm thick	sq.m.	145
530	M248	Glass Shelf with C.P. Guard Rail and Brackets 600mm x 120mm	Each	231
531	M249	Glass strips 4 mm thick 40mm depth	Rmt	13
532	M250	Glass strips 6mm thick 40mm depth	Rmt	17
533	M251	Glasses 2 mm to 3 mm thick	sq.m.	145
534	M252	Glasses 3 mm thick	sq.m.	230
535	M253	Granite Slab (18 mm thick) 1 side Polished	sq.m.	1590
536	M254	Grinding Polishing Rounding or edges of Glass or Glazing Sheet	Rmt	21
537	M255	Grindina Polishing rounding or edges of glass or glazing sheet (B) Rubbings & Polishing of tiles or stone flooring	sq.m.	43

Sr. No.	Code	Description	Unit	Rate
538	M256	Ground glass (Frosted or obscurd on one side) 3 mm thick	sq.m.	210
539	M257	Ground glass (Frosted or obscurd on one side) 4 mm thick	sq.m.	241
540	M258	Ground glass (Frosted or obscurd on one side) 5 mm thick	sq.m.	303
541	M259	Guard Stone	Each	37
542	M260	Gum	kg	25
543	M261	Gun metal screw down bib tap-15 mm dia	Each	159
544	M262	Gun metal screw down bib tap-20 mm dia	Each	178
545	M263	Gun metal wheel valve 15mm dia	Each	187
546	M264	Gun metal wheel valve 20mm dia	Each	204
547	M265	Gun Metal Wheel Valve 25mm dia.	Each	421
548	M266	Gun metal wheel valve 32mm dia	Each	315
549	M267	Gun Metal Wheel Valve 40mm dia.	Each	664
550	M268	Hacksaw blade double thread	Doz.	60
551	M269	Hactometer Stone as per Type design.	Each	107
552	M270	Hactometer Stone Pre Cast R.C.C. Stone as per Type design	Each	268
553	M271	Hammer Iron 1 LBS	Each	60
554	M272	Hammer Iron 2 LBS	Each	85
555	M273	Hand broken stone aggregate 25mm size to 90mm size	cu.m.	173
556	M274	Hand broken stone aggregate 40mm size to 63mm size.	cu.m.	203
557	M275	Handle for doors Windows Cupboards etc. Brass 10 cms. Length	Each	60
558	M276	Handle for doors Windows Cupboards etc. Brass 15 cms. Length	Each	70
559	M277	Handle for doors Windows Cupboards etc. C.P. Brass 10 cms. Length	Each	40
560	M278	Handle for doors Windows Cupboards etc. C.P. Brass 15 cms. Length	Each	52
561	M279	Handle for doors Windows Cupboards etc. 10 cms. Length	Each	18
562	M280	Handle for doors Windows Cupboards etc. 15 cms. Length	Each	22
563	M281	Handle for doors Windows Cupboards etc. Iron Oxidized 10 cms. Length	Each	12
564	M282	Handle for doors Windows Cupboards etc. Iron Oxidized 15 cms. Length	Each	13
565	M283	Handle for steel window (Right & Left) Alluminium	Each	35
566	M284	Handle for steel window (Right & Left) Brass	Each	51
567	M285	Handle for steel window (Right & Left) Iron oxidized	Each	59
568	M286	Handle for steel window (Right & Left) Wrinkle finish	Each	21
569	M287	Hard board sheet 4 mm thick	sq.m.	145
570	M288	Hard Drawn Steel Wire Fabric	sq.m.	245
571	M289	Hard Marrum	cu.m.	96
572	M290	Hi Tensile Steel Wire	MT	66666
573	M291	Hinges (Strap) Alluminium 10 cms. Length	Each	30
574	M292	Hinges (Strap) Alluminium 15 cms. Length	Each	45
575	M293	Hinges (Strap) Alluminium 20 cms length	Each	55
576	M294	Hinges (Strap) M.S. 10 cms. Length or equivalent	Pair	29
577	M295	Hinges (Strap) M.S. 12.5 cms. Length or equivalent	Pair	40
578	M296	Hinges butt. I.S.I Mark Brass (Railway type heavy) 7.5 cms. Length or equivalent	Pair	75

Sr. No.	Code	Description	Unit	Rate
579	M297	Hinges butt. I.S.I Mark Brass (Railway type heavy) 7.5 cms. Length or equivalent	Pair	110
580	M298	Hinges butt. I.S.I Mark Steel 10 cms. Length 14 gauge	Pair	20
581	M299	Hinges butt. I.S.I Mark Steel 7.5 cms. Length 16 gauge	Pair	59
582	M300	Hinges butt. I.S.I Mark Alluminium 10 cms. Length	Pair	75
583	M301	Hinges butt. I.S.I Mark Alluminium 7.5 cms. Length	Pair	45
584	M302	Hinges butt. I.S.I Mark C.P.Brass (Railway type Hinges) 10 cms. Length	Pair	92
585	M303	Hinges butt. I.S.I Mark C.P.Brass (Railway type Hinges) 7.5 cms. Length	Pair	95
586	M304	Hinges Parilamentary Steel 10 cms. Length	Each	195
587	M305	Hinges Parilamentary Steel 12.5 cms length	Each	145
588	M306	Hinges Parilamentary Steel 7.5 cms. Length	Each	125
589	M307	Hinges Parilamentary Brass 10 cms. Length	Each	34
590	M308	Hinges Parilamentary Brass 12.5 cms length	Each	45
591	M309	Hinges Parilamentary Brass 7.5 cms. Length	Each	28
592	M310	Hinges Spring 10 cms. Length	Each	130
593	M311	Hinges Spring 7.5 cms. Length	Each	122
594	M312	Hirakani	Each	190
595	M313	Hood Cover 0.9 mm thick	Rmt	132
596	M314	Hood Cover 1.25 mm thick	Rmt	138
597	M315	Hooks and Eyes Alluminium 10 cms. Length	Each	22
598	M316	Hooks and Eyes Alluminium 15 cms. Length	Each	25
599	M317	Hooks and Eyes Alluminium 20 cms length	Each	36
600	M318	Hooks and Eyes C.P.Brass 10 cms. Length	Each	28
601	M319	Hooks and Eyes C.P.Brass 15 cms. Length	Each	39
602	M320	Hooks and Eyes C.P.Brass 20 cms length	Each	50
603	M321	Hooks and Eyes Iron oxidized 10 cms. Length	Each	8
604	M322	Hooks and Eyes Iron oxidized 15 cms. Length	Each	9
605	M323	Hooks and Eyes Iron oxidized 20 cms length	Each	10
606	M324	Indian Teak wood	cu.dm.	55
607	M325	Beading Indian Teak wood	cu.dm.	60
608	M326	Indicator Stone as per RCC Type Design	Each	268
609	M327	Indicator Stone as per Type Design	Each	99
610	M328	Integral W.P. compound (Liquid of standard quality) tested as per I.S. 2645 - 1975	Litre	85
611	M329	Inter Lock [Kadaka lock]	Each	245
612	M330	Iron bib tap 15mm. Dia	Each	32
613	M331	Iron bib tap 20mm. Dia	Each	42
614	M332	Iron Hinges 100 mm x 58 mm x 1.4 mm	10 Each	117
615	M333	Iron Hinges 100 mm x 58 mm x 1.9 mm	10 Each	122
616	M334	Iron Hinges 50 mm x 37 mm x 1.5 mm	10 Each	93
617	M335	Iron Hinges 75 mm x 47 mm x 1.7 mm	10 Each	103
618	M336	Iron Screws. 20 mm	100 Each	78
619	M337	Iron Screws. 30 mm	100 Each	103
620	M338	Iron Screws. 40 mm	100 Each	122
621	M339	Junction Equal double 100 mm dia	Each	33
622	M340	Junction Equal double 80 mm dia	Each	30
623	M341	Junction Equal Single 100 mm dia	Each	35
624	M342	Junction Equal Single 80 mm dia	Each	28
625	M343	Junction Board R.C.C.	Each	637
626	M344	Jute string	kg	59
627	M345	Kada (Indian) with English ball bearing.	Pair	249
628	M346	Kerosene	Litre	38
629	M347	Koda Iron	Each	135

Sr. No.	Code	Description	Unit	Rate
630	M348	Latch (Tadi) as per sample approved sectional flats (Heavy) Alluminium 25 cms length & 16mm dia	Each	54
631	M349	Latch (Tadi) as per sample approved sectional flats (Heavy) Alluminium 30 cms length & 16mm dia	Each	68
632	M350	Latch (Tadi) as per sample approved sectional flats (Heavy) Alluminium 35 cms length & 16mm dia	Each	71
633	M351	Latch (Tadi) as per sample approved sectional flats (Heavy) Brass 20 cms. Length	Each	84
634	M352	Latch (Tadi) as per sample approved sectional flats (Heavy) Brass 25 cms. Length	Each	95
635	M353	Latch (Tadi) as per sample approved sectional flats (Heavy) Brass 30 cms length	Each	115
636	M354	Latch (Tadi) as per sample approved sectional flats (Heavy) Brass 35 cms length	Each	125
637	M355	Latch (Tadi) as per sample approved sectional flats (Heavy) C.P. Brass 20 cms. Length	Each	85
638	M356	Latch (Tadi) as per sample approved sectional flats (Heavy) C.P. Brass 25 cms. Length	Each	105
639	M357	Latch (Tadi) as per sample approved sectional flats (Heavy) C.P. Brass 30 cms length	Each	110
640	M358	Latch (Tadi) as per sample approved sectional flats (Heavy) C.P. Brass 35 cms length	Each	125
641	M359	Latch (Tadi) as per sample approved sectional flats (Heavy) Iron Oxidized 25 cms length & 16mm dia	Each	25
642	M360	Latch (Tadi) as per sample approved sectional flats (Heavy) Iron Oxidized 30 cms length & 16mm dia	Each	31
643	M361	Latch (Tadi) as per sample approved sectional flats (Heavy) Iron Oxidized 35 cms length & 16mm dia	Each	35
644	M362	Latch for steel window 25 cms to 35cms. Alluminium	Each	36
645	M363	Latch for steel window 25 cms to 35cms. Brass	Each	28
646	M364	Latch for steel window 25 cms to 35cms. Iron oxidized	Each	25
647	M365	Latch for steel window 25 cms to 35cms. Wrinkle finish	Each	35
648	M366	Light shade pigment	kg	81
649	M367	Lime gotton crystal	Quintal	357
650	M368	Limpet Washer	100 Each	35
651	M369	Linseed Oil	Litre	119
652	M370	Locks Baby latch brass chromium 75mm long.	Each	315
653	M371	Locks Bath room latch Navtal (Godrej)	Each	320
654	M372	Locks Godrej cupboard 3 (7.5 cms)	Each	120
655	M373	Locks Godrej Mortice lock cover	Each	385
656	M374	Locks Godrej Night latch	Each	150
657	M375	Locks Locker brass Navtal (Godrej) 75mm dia 7 lever with and set keys.	Each	250
658	M376	M.I. fisher Union 32 mm dia	Each	75
659	M377	M.I. fisher Union 40 mm dia	Each	84
660	M378	M.S. Fixed Plate Bearing	MT	51425
661	M379	M.S. Plate / Flat	Quintal	4284
662	M380	M.S. Road Sign Board / Village Name Board Non-Reflective Type	Each	1576
663	M381	M.S. Road Sign Board / Village Name Board Reflective Type	Each	2777
664	M382	M.S. Rocker Bearing	MT	51425
665	M383	M.S. Roller Bearing	MT	51425
666	M384	M.S. Sheet 1 mm thick	Quintal	4930
667	M385	M.S. village Name Board or Junction Board	Each	3156

Sr. No.	Code	Description	Unit	Rate
668	M386	Manglore Tiles	1000 Each	3060
669	M387	Marble number Plate	Each char.	183
670	M388	Marble chips upto 4 mm size.	Quintal	870
671	M389	Marble Powder	cu.m.	1562
672	M390	Marble Slab 18 to 20 mm	sq.m.	701
673	M391	Marble Slab stone 25mm thick double polished	sq.m.	800
674	M392	Marble Slab Extra for mirror finishing on marble slab flooring	sq.m.	199
675	M393	Marble Slab Machine cut marble tiles 6mm thick 30cms x 15cms Mirror finish with chamfering and grove back	sq.m.	640
676	M394	Marble Slab Polished granite stone 20 to 25mm thick black	sq.m.	3000
677	M395	Marble Slab Polished granite stone 20 to 25mm thick Colour	sq.m.	4300
678	M396	Marble Slab Polished marble stone (Rajnagar or Makran 20mm. thick	sq.m.	850
679	M397	Marble Slab Polished marble stone Rajnagar Makarana 20mm size	sq.m.	850
680	M398	Marble Slab Polished marble stone Rajnagar Makarana 20mm size 180 x 60 cms.	sq.m.	1240
681	M399	Marble Slab Polished marble stone Rajnagar Makarana 20mm size 60 x 45 cms.	sq.m.	1150
682	M400	Marble Slab Polished marble stone Rajnagar Makarana 20mm size 90 x 60 cms.	sq.m.	1210
683	M401	Marble Slab White adango 180 x 60cms.	sq.m.	1050
684	M402	Marble Slab White adango 180x60 cms	sq.m.	1050
685	M403	Marble Slab White adango 20mm thick colour grey 60x60 cms.	sq.m.	950
686	M404	Marble Slab White adango 60 x 60 cm.	sq.m.	865
687	M405	Marble Slab White adango 60x45 cms.	sq.m.	830
688	M406	Marble Slab White adango 60x45cm.	sq.m.	830
689	M407	Marble Slab White adango 90x6 cm.	sq.m.	900
690	M408	Marble Slab White adango 90x60 cms.	sq.m.	1000
691	M409	Marble year Plate 20cm x 15cm. x 2.5cm	Each	183
692	M410	Marbo granite flooring tiles 8mm th.	sq.m.	380
693	M411	Medium shade pigment	kg	81
694	M412	Mild Steel Bars	Quintal	3150
695	M413	Munj for white washing	kg	30
696	M414	Murum/ binding Material	cu.m.	64
697	M415	Neo Prene Bearing (480 x 310 x 48 mm)	Cu.Cm.	1.03
698	M416	Nickel Plated bright finished M.S. Piano Hinges	Rmt	152
699	M417	Nickel plated finished M.S.Piano hinges Alluminium 19mm. width (15cm. Length)	Rmt	179
700	M418	Nickel plated finished M.S.Piano hinges Alluminium 25mm. width (15cm. Length)	Rmt	222
701	M419	Nickel plated finished M.S.Piano hinges BRASS 19mm. width 6 (15cm. Length)	Rmt	242
702	M420	Nickel plated finished M.S.Piano hinges BRASS 25mm. width 6(15cm. Length)	Rmt	246
703	M421	Nickel Plated screws 25 mm dia.	sq.m.	156
704	M422	Non Decorative type 25 mm thick Door Shutter	sq.m.	946
705	M423	Non Decorative type 35 mm thick Door Shutter	sq.m.	1250
706	M424	Non reflective solar contact film for fixing on glass.	sq.m.	475
707	M425	North Light Adjustable Ridge	Pair	95
708	M426	Off-set 50 mm - 100 mm dia	Each	25

Sr. No.	Code	Description	Unit	Rate
709	M427	Off-set 50 mm - 80 mm dia	Each	21
710	M428	Off-set 75 mm - 100 mm dia	Each	26
711	M429	Off-set 75 mm - 80 mm dia	Each	21
712	M430	Oil bound distemper	kg	60
713	M431	Oil of 30 No.	Litre	183
714	M432	Omai plast for sunk Portion EP-101	kg	600
715	M433	Ordinary K.M. Stone (For NH.S.H. M.D.R)	Each	402
716	M434	Ordinary K.M. Stone Pre Cast R.C.C. Stone as per Type design (For NH.S.H.M.D.R.)	Each	714
717	M435	Ordinary K.M. Stone Pre Cast R.C.C. Stone as per Type design (For O.D.R. & V.R.)	Each	625
718	M436	Ordinary K.M.Stone For O.D.R. & V.R.)	Each	357
719	M437	P.V.C bib tap 15mm. Dia	Each	25
720	M438	P.V.C bib tap 20mm. Dia	Each	35
721	M439	P.V.C. flooring sheet P.V.C 2mm thick	sq.m.	440
722	M440	P.V.C. flooring sheet P.V.C. 2.5mm thick	sq.m.	580
723	M441	P.V.C. Nalni trap	Each	70
724	M442	P.V.C. Pipes 10 kgf / Sq.cm. 110 mm dia.	Rmt	323
725	M443	P.V.C. Pipes 10 kgf / Sq.cm. 50mm dia.	Rmt	105
726	M444	P.V.C. Pipes 10 kgf / Sq.cm. 75mm dia.	Rmt	189
727	M445	P.V.C. Pipes 10 kgf / Sq.cm. 20mm dia.	Rmt	26
728	M446	P.V.C. Pipes 10 kgf / Sq.cm. 25mm dia.	Rmt	37
729	M447	P.V.C. Pipes 10 kgf / Sq.cm. 32mm dia.	Rmt	47
730	M448	P.V.C. Pipes 10 kgf / Sq.cm. 40mm dia.	Rmt	70
731	M449	P.V.C. Pipes 6 kgf / Sq.cm. 110 mm dia.	Rmt	245
732	M450	P.V.C. Pipes 6 kgf / Sq.cm. 50mm dia.	Rmt	68
733	M451	P.V.C. Pipes 6 kgf / Sq.cm. 75mm dia.	Rmt	129
734	M452	P.V.C. Pipes 6 kgf / Sq.cm. 20mm dia.	Rmt	24
735	M453	P.V.C. Pipes 6 kgf / Sq.cm. 25mm dia.	Rmt	36
736	M454	P.V.C. Pipes 6 kgf / Sq.cm. 32mm dia.	Rmt	44
737	M455	P.V.C. Pipes 6 kgf / Sq.cm. 40mm dia.	Rmt	47
738	M456	Particle board sheet 12 mm thick	sq.m.	242
739	M457	Particle board sheet 19 mm thick	sq.m.	310
740	M458	Particle board sheet 25 mm thick	sq.m.	404
741	M459	Particle board sheet 35 mm thick	sq.m.	536
742	M460	Petrol	Litre	62.25
743	M461	Pillar tap 15mm dia	Each	309
744	M462	Pillar tap 20mm dia	Each	355
745	M463	Plain A.C. Sheet 6 mm thick	sq.m.	0
746	M464	Plain asbestos sheet 5mm thick	sq.m.	0
747	M465	Plain asbestos sheet 6mm thick	sq.m.	0
748	M466	Plain asbestos sheet 7mm thick	sq.m.	0
749	M467	Plain G.I. Sheet 1 mm thick	Quintal	5695
750	M468	Plain Glass sheet 3 mm thick	sq.m.	206
751	M469	Plain Glass sheet 4 mm thick	sq.m.	214
752	M470	Planks 30 mm thick Kail or equivalent soft wood	cu.dm.	25
753	M471	Planks 38 mm thick Kail or equivalent soft wood	cu.dm.	26
754	M472	Plastic Emulsion Paint	Litre	196
755	M473	Plate glass (Table glass) 5.5 mm with all edge polished .	sq.m.	355
756	M474	Plywood with both faces teak finished 12mm. thick	sq.m.	410
757	M475	Plywood with both faces teak finished 15mm. thick	sq.m.	490
758	M476	Plywood with both faces teak finished 18mm. thick	sq.m.	520
759	M477	Plywood with both faces teak finished 3mm. thick	sq.m.	200
760	M478	Plywood with both faces teak finished 4mm. thick	sq.m.	241
761	M479	Plywood with both faces teak finished 6mm. thick	sq.m.	215

Sr. No.	Code	Description	Unit	Rate
762	M480	Plywood with both faces teak finished 8mm. thick	sq.m.	290
763	M481	Plywood designed with one side commercial and other side teak finished 12mm. thick	sq.m.	330
764	M482	Plywood designed with one side commercial and other side teak finished 15mm. thick	sq.m.	410
765	M483	Plywood designed with one side commercial and other side teak finished 18mm. thick	sq.m.	410
766	M484	Plywood designed with one side commercial and other side teak finished 6mm. thick	sq.m.	190
767	M485	Plywood designed with one side commercial and other side teak finished 8mm. thick	sq.m.	230
768	M486	Plywood sheet (both faces commerical) 3mm.	Rmt	150
769	M487	Plywood sheet (both faces commerical) 4mm.	Rmt	180
770	M488	Plywood sheet (both faces commerical) 6mm	Rmt	183
771	M489	Plywood sheet 9 mm thick (Commercial)	sq.m.	281
772	M490	Polished Kota Stone Slab Green. 25 mm thick	sq.m.	234
773	M491	Polished Kota Stone Slab Green. 30 mm thick	sq.m.	243
774	M492	Polished Kota Stone Slab Green. 40 mm thick	sq.m.	262
775	M493	Pre-cast Cement concrete tiles	sq.m.	89
776	M494	Precast RCC Jali 100 mm thick	sq.m.	206
777	M495	Precast RCC Jali 25 mm thick	sq.m.	131
778	M496	Precast RCC Jali 40 mm thick	sq.m.	150
779	M497	Precast RCC Jali 50 mm thick	sq.m.	159
780	M498	Precast RCC Jali 75 mm thick	sq.m.	187
781	M499	Pre-Moulded bituminous joint Filler 12mm size.	sq.m.	647
782	M500	Pre-Moulded bituminous joint Filler 20mm size	sq.m.	714
783	M501	Pre-Moulded bituminous joint Filler 25mm size	sq.m.	938
784	M502	Pulleys 25 mm dia.	Each	108
785	M503	Pulleys 38 mm dia.	Each	112
786	M504	Putty as per ISI specification for fixing glass on steel windows.	kg	40
787	M505	Quarry Spall.	cu.m.	84
788	M506	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 150mm dia.	Rmt	120
789	M507	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 250mm dia.	Rmt	175
790	M508	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 300mm dia.	Rmt	309
791	M509	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 1000mm dia.	Rmt	1590
792	M510	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 450mm dia.	Rmt	561
793	M511	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 500mm dia.	Rmt	655
794	M512	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 900mm dia.	Rmt	1403
795	M513	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 1100mm dia.	Rmt	1870
796	M514	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 1200mm dia.	Rmt	1777
797	M515	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 600mm dia.	Rmt	748
798	M516	R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 800mm dia.	Rmt	1122
799	M517	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 300mm dia.	Rmt	351

Sr. No.	Code	Description	Unit	Rate
800	M518	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 450mm dia.	Rmt	678
801	M519	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 900mm dia.	Rmt	2057
802	M520	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 600mm dia.	Rmt	1075
803	M521	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 800mm dia.	Rmt	1613
804	M522	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 1100mm dia.	Rmt	3630
805	M523	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 1200mm dia.	Rmt	4180
806	M524	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 1400mm dia.	Rmt	5830
807	M525	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 1600mm dia.	Rmt	7770
808	M526	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 1800mm dia.	Rmt	9900
809	M527	Rajula Stone	Each	77
810	M528	Ready mixed Red Lead Paint	Litre	85
811	M529	Red Flag	Each	16
812	M530	Residual Bitumen	MT	6694
813	M531	RList Preventivet (Polymer Base)	kg	225
814	M532	RList Remover Com Primer (Polymer Base)	Litre	260
815	M533	Rolling shutter Rolling shutter having width below 3.5mt.	sq.m.	2248
816	M534	Rolling shutter Rolling shutter of G.I. sheet any size grill	sq.m.	1400
817	M535	Rolling shutters having width Above 3.5 Mt.	sq.m.	2967
818	M536	Resin (0.5kg Pkt.)	kg	95
819	M537	Rough Kotach stone Slab. 25 mm thick	sq.m.	173
820	M538	Rough Kotach stone Slab. 40 mm thick	sq.m.	234
821	M539	Rubber Plug	Each	15
822	M540	Rubble	cu.m.	148
823	M541	Rubble (Heavy) at not Less than 40 kg.	cu.m.	156
824	M542	S.W. Gulley Trap 150mm x 100 mm size.	Each	64
825	M543	S.W. guly trap 100 x 100 mm size	Each	43
826	M544	Salt natural	kg	9
827	M545	Sand paper 100Nos size	Doz.	40
828	M546	Sand paper 50 Nos. size	Doz.	36
829	M547	Sand paper 80Nos size	Doz.	36
830	M548	Screened gravel 10mm size	cu.m.	168
831	M549	Screened gravel 12mm size	cu.m.	168
832	M550	Sheet glass ordinary quality 3 mm thick	sq.m.	188
833	M551	Sheet glass ordinary quality 4 mm thick	sq.m.	198
834	M552	Sheet glass ordinary quality 5 mm thick	sq.m.	268
835	M553	Sheet glass ordinary quality 6 mm thick	sq.m.	295
836	M554	Shellac	kg	55
837	M555	Soft Brush.	Each	36
838	M556	Soft brushes 100 mm size	Each	250
839	M557	Soft brushes 20 mm size	Each	68
840	M558	Soft brushes 25 mm size	Each	76
841	M559	Soft brushes 40 mm size	Each	95
842	M560	Soft brushes 50mm size	Each	140
843	M561	Soft brushes 75 mm size	Each	190
844	M562	Spirit	Litre	51

Sr. No.	Code	Description	Unit	Rate
845	M563	Spun Yarn	kg	48
846	M564	Standard shoe 100 mm dia	Each	28
847	M565	Standard shoe 80 mm dia	Each	25
848	M566	Stone dust	cu.m.	105
849	M567	Stone Slab 100mm thickness	sq.m.	310
850	M568	Stone ware pipes 100mm dia. 60cm. Long	Each	35
851	M569	Stone ware pipes 150mm dia. 60cm. Long	Each	50
852	M570	Structual steel M.S. Channel joints Tee Gusset Plate etc.	Quintal	4497
853	M571	Synthetic Enamel Paint	Litre	179
854	M572	T.Iron Bracket 40 mm x 40 mm x 6 mm	Quintal	4692
855	M573	T.M.T. Bars Fe- 415	Quintal	3600
856	M574	Taper G.S.W. Bend 100mm x 150mm	Each	73
857	M575	Terrazo tiles chequered Dark Shade 22mm thick	sq.m.	125
858	M576	Terrazo tiles chequered Light shade 22mm thick	sq.m.	134
859	M577	Terrazo tiles chequered Dark shade 28 mm thick	sq.m.	139
860	M578	Terrazo tiles chequered Light shade 28 mm thick	sq.m.	147
861	M579	Terrazo tiles Dark shade 20 mm thick	sq.m.	107
862	M580	Terrazo tiles Light shade 20 mm thick	sq.m.	116
863	M581	Terrazzo tiles grey cement base. Dark shade 20mm. thick	sq.m.	150
864	M582	Terrazzo tiles grey cement base. Light shade 20mm. thick	sq.m.	170
865	M583	Terrazzo tiles white cement base Dark shade 20mm thick	sq.m.	275
866	M584	Terrazzo tiles white cement base Light shade 20mm thick	sq.m.	225
867	M585	Thick Wire Brushes	Each	65
868	M586	Through & Bond Stone	Each	23
869	M587	Towel Rail Pair of C.P. Brass Brackets 60mm x 20mm	Each	355
870	M588	Turpentine	Litre	47
871	M589	Unscreened gravel	cu.m.	126
872	M590	Unslaked Lime	Quintal	170
873	M591	Urinal Flat Back	Each	437
874	M592	Urinal Ladies squatting pan	Each	675
875	M593	Urinal Squatting type	Each	501
876	M594	Urinal Stall type full size	Each	1800
877	M595	Urinal Stall type half size	Each	1300
878	M596	Varnish	Litre	72
879	M597	Vegetable black (Kajali) (0.5kg.Pkt.)	Pkt.	65
880	M598	Vision panel for Door	Each	34
881	M599	Vitryfied Granite tiles 8 mm to 10 m thick 24 x 24 size Dark Shade	sq.m.	412
882	M600	Vitryfied Granite tiles 8 mm to 10 m thick 36 x 36 size	sq.m.	842
883	M601	W.C. pipe 2m long 75 mm. dia	Each	0
884	M602	Waste Pipe for Wash basin C.P. 32 mm dia	Each	62
885	M603	Waste Pipe for Wash basin C.P. 40 mm dia	Each	82
886	M604	Water proofing materials Omaseal of Bitumen base in semi-liquid form (cold applied)	Litre	80
887	M605	Water proofing materials of std. make in powder form	kg	6.3
888	M606	Water proofing materials Omaseal for filling joints of C.I. Pipes .	kg	310
889	M607	Water proofing materials Omaseal for filling joints of C.I. Pipes. Epoxy base	kg	510
890	M608	Water Proofing Cement Paint	kg	34

Sr. No.	Code	Description	Unit	Rate
891	M609	Water proofing material heasion base self finish tar felt roll	sq.m.	55
892	M610	Water proofing materials	kg	43
893	M611	Water proofing materials of polyarethine on Aromatic Base	kg	375
894	M612	Water proofing materials of polyarethine on Elepantic base	kg	540
895	M613	Water proofing materials silicon baseWater repellent compound	Litre	245
896	M614	Welding Charge	Rmt	600
897	M615	White Bela stone (size to be measured)	No	28.05
898	M616	White Cement	MT	17000
899	M617	White Lime (White washing)	Quintal	420
900	M618	White Paint	Litre	174
901	M619	White vitriour china Wash down W.C. (European)	Each	592
902	M620	White vitrious china 100mm 'P' or 'S' trap	Each	87
903	M621	White vitrious china foot rest for W.C.	Pair	64
904	M622	White vitrious China Sink 600mm x 450mm x 150mm	Each	1455
905	M623	White vitrious ching W.C. sqatting pan (India type)	Each	341
906	M624	White vitrious ching W.C. sqatting pan Anglo Indian	Each	1550
907	M625	White vitrious ching W.C. sqatting pan European type	Each	592
908	M626	White vitrious ching W.C. sqatting pan Orrisa type 580 x 400 size	Each	800
909	M627	White Zinc powder (Zinc oxide)	kg	110
910	M628	White glazed tiles 15cm x 15cm x 6cm.	10 Each	64
911	M629	Whiting chalk	kg	5.53
912	M630	Wire Gauge Jali of 0.56 mm	sq.m.	161
913	M631	Wire Gauge Jali of 0.71 mm	sq.m.	206
914	M632	Wire spring grade No. 2 for Rolling Shutter 27.5 CM long	Each	640
915	M633	Wired figured glass 6.4 mm thick	sq.m.	366
916	M634	Wooden peg	Each	1
917	M635	Yellow clay (Italian type)	kg	9
918	M636	Iron Angle 75 x 75 x 6mm	kg	60
919	M637	Iron Angle for stand & frame	kg	50
920	M638	Surfacing gray coat process (Board)	sq.m.	20
921	M639	Retro reflective process (Board) (Eng. Grade)	sq.m.	30
922	M640	Screen Printing / Art work process (Board) (Eng.)	sq.m.	40
923	M641	Packing Forwarding and Transportation (No-Leg)	L.S	500
924	M642	Retro reflective precess (Board) (Hi-Intensity)	sq.m.	310
925	M643	Alluminium Sheet 2mm Thick	KGS.	135
926	M644	Dozer 80 HP with attachment	Hour	2600
927	M645	Fixing Charges	cu.m.	15
928	M646	Whiting	kg	5.53
929	M647	Precast Concrete Blocks (1:3:6) (39 X 20 X 19 CMS)	100 each	2261
930	M648	Flat iron bracket with bolts nuts bitumen & G	Each	107
931	M649	Teak reaper	Rmt	8.25
932	M650	MS Flat iron bracket	Each	37
933	M651	Plastic roofing compound	kg	16
934	M652	Nails 50mm long	kg	26
935	M653	C.I rainwater pipe 75mm dia.	Rmt	196
936	M654	Sand rainwater pipe 75mm dia.	Rmt	230
937	M655	Steel Plate & Angle	MT	44970
938	M656	Winch	Each	35110
939	M657	Chisel	Each	23000
940	M658	Sluge pump (Roller)	Each	181500

Sr. No.	Code	Description	Unit	Rate
941	M659	Tubes	Set	18150
942	M660	Tripod & Wirerope	Set	145200
943	M661	Trimie pipe and Misc. Cassing	Set	114950
944	M662	Sheathing pipe 42mm St. of 7mm	Rmt	38
945	M663	C.I. Pipe 100mm Dia	Rmt	1380
946	M664	G.I. Pipe 100mm Dia	Rmt	800
947	M665	G.I. Pipe 50mm Dia A- Class	Rmt	330
948	M666	G.I. Pipe 40mm Dia A - Class	Rmt	300
949	M667	G.I. Coupling 50mm Dia A- Class	Rmt	95
950	M668	G.I. Coupling 40mm Dia A - Class	Rmt	48
951	M669	Hollow concrete blocks (Size 39 x 9 x 19 cms)	Each	18
952	M670	Hollow concrete blocks (Size 39 x 14 x 9 cms)	Each	23
953	M671	Hollow concrete blocks (Size 39 x 14 x 19 cms)	Each	26.5
954	M672	Pegs	Each	2
955	M673	Water Tanker 6 kl capacity	Hour	200
956	M674	R.S. Joists 350 x 200 x 6 @ 56.9 kg.	Quintal	4497
957	M675	12mm thick M.S. plate	Quintal	4497
958	M676	16mm Dia. rivets	Quintal	3300
959	M677	Principal rafter 100 x 100 x 10	Quintal	3300
960	M678	Gusset plate	Quintal	4497
961	M679	Ties (Flat)	Quintal	3300
962	M680	20mm holding down bolt	Quintal	3300
963	M681	M.S. Channel	Quintal	4497
964	M682	M.S Tee	Quintal	4497
965	M683	Flat iron diagonal 20 x 5mm	Quintal	5100
966	M684	Angle iron 40 x 40 x 6	Quintal	4497
967	M685	M.S. Angel	kg	46.75
968	M686	Alluminium section any size, powder coated	kg	200
969	M687	Alluminium section any size, anodized	kg	35
970	M688	Rubber gasket for glass beading	Rmt	9
971	M689	TMT Bar FE 500 D	Quintal	3675
972	M690	Vitrified Granite tiles 8 mm to 10 m thick 24" x 24 " size Antiskid	Sqm	485
973	M691	Vitrified Granite tiles 8 mm to 10 m thick 24" x 24 " size Light Shade	Sqm	366
974	M692	Weather proof acrylic exterior emulsion paint	Ltr	196
975	M693	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 300mm dia.	Meter	442
976	M694	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 450mm dia.	Meter	782
977	M695	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 600mm dia	Meter	1403
978	M696	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 900mm dia	Meter	2720
979	M697	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 1000mm dia	Meter	3400
980	M698	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 1200mm dia	Meter	4760
981	M699	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 1400mm dia	Meter	6588
982	M700	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 1600mm dia	Meter	8670
983	M701	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 1800mm dia	Meter	10795
984	M702	Glass bricks 19 x 19 x10 Cm	No.	98
985	M703	Glass Bricks 19 x 19 x8 Cm	No.	94

Sr. No.	Code	Description	Unit	Rate
986	M704	Floor spring heavy duty	No.	2125
987	M705	S.S. Stopper 60 Cm long of ASIS 304	No.	425
988	M706	S.S. Stopper 30 Cm long of ASIS 304	No.	213
989	M707	S.S. Stopper 20 Cm long of ASIS 304	No.	149
990	M708	S.S. Aldrop 20 Cm long of ASIS 304 Grade	No.	255
991	M709	S.S. Aldrop 25 Cm long of ASIS 304 Grade	No.	383
992	M710	S.S. Aldrop 30 Cm long of ASIS 304 Grade	No.	468
993	M711	S.S. Handle for door/ window 10 Cm size of ASIS 304 Grade	No.	64
994	M712	S.S. Handle for Door 15 Cm size of ASIS 304 Grade	No.	89
995	M713	S.S. Pipe Handle for door 30 Cm size o ASIS 316 Grade	No.	1020
996	M714	S.S. Railing pipe 50 mm x 16 G ASIS 304 Grade	Rmt	1185
997	M715	S.S. Rialing Sq pipe 32x32 mm x 16G ASIS 304 Grade	Rmt	536
998	M716	S.S. Railing pipe 16 mm x 16G ASIS 304 Grade	Rmt	432
999	M717	C.P. Pillar cock 15 mm Heavy duty swan neck	No.	757
1000	M718	C.P. Angle stop cock 15 mm Heavy duty with cap	No.	476
1001	M719	C.P. Bib cock 15 mm Heavy duty with cap	No.	468
1002	M720	Concealed cock 15 mm Heavy duty with cap	No.	574
1003	M721	Glass 12 mm thick	Sqmtr	961
1004	M722	Glass 10 mm thick	Sqmtr	820
1005	M723	Glass 8 mm thick	Sqmtr	638
1006	M724	Labour Charges half round edge for Granite	Rmt	85
1007	M725	Labour Charges Quarter round edge for granite	Rmt	51
1008	M726	Labour Charges edge finished for Granite	Rmt	43
1009	M727	Labour Charges half round edge for Kota/Marble	Rmt	51
1010	M728	Labour charges quarter round edge for Kota/ Marble	Rmt	34
1011	M729	SS Sink Glosy ASIS 304 Grade x 1mm thick with over all size 610x460 mm & bowl size 560x410x200	No.	2210
1012	M730	SS Sink Glosy ASIS 304 Grade x 1mm thick with over all size 510x432mm & bowl size 445x368x190	No.	1530
1013	M731	SS Sink Glosy ASIS 304 Grade x 1mm thick with over all size 485x410 mm & bowl size 410x365x165	No.	1318
1014	M732	Alluminium Composite pannel 3 mm thick	Sqmtr	765
1015	M733	Alluminium Composite Pannel 4 mm thick	Sqmtr	850
1016	M734	Multy wall plycarbonate sheet 6 mm thick	Sqmtr	1080
1017	M735	S.S. Door / window hinges 4x1"x1"	No.	64
1018	M736	S.S. Door / Window hinges 4x3/4"x3/4"	No.	26
1019	M737	S.S. Door / Window hinges 3x3/4"x3/4"	No.	21
1020	M738	Jet spray heavy duty with S.S. Braided hose 60 cm long	No.	361
1021	M739	Health Fauset Heavy duty with hook with fitting	No.	680
1022	M740	Precast concrete block of C.C.1:3:6	100 Nos.	2261
1023	M741	Alluminium fixtures and fstenings.	No.	176
1024	M742	Iron fixtures and fstenings.	No.	78
1025	M743	35 mm thick shutters	Cu.Dm.	43
1026	M744	Tiles size 15 cm x 15 cm (Glazed)	10 Nos.	64
1027	M745	Flat iron bracket with nuts, bolts, bitumen and G.I. Washers.	Each	107
1028	M746	M.S. flat iron bracket	Each	37
1029	M747	Plastic proofing compound.	Kg.	16
1030	M748	Teak reaper	Meter.	8.25
1031	M749	Nails 50 mm long.	Kg.	26
1032	M750	C.I.75 mm diameter rain water pipe	Rmt.	196
1033	M751	Whiting cholk	Kg.	5.53
1034	M752	Flatting varnish	Liter	79
1035	M753	Insecticides.	Liter	309
1036	M754	Aeronex powder	Kg.	14

Sr. No.	Code	Description	Unit	Rate
1037	M755	D.D.V.P.	Liter	271
1038	M756	Heptachlor	Liter	271
1039	M757	Melethione	Liter	271
1040	M758	Acetone	Liter	271
1041	M759	Pags	Each	2
1042	M760	Galvanised M.S. Tee	Each	150
1043	M761	Galvanised M.S. 5 mm nut.	Each	28
1044	M762	A.C. rain water pipe 75 mm diameter (1.8 meter long)	Rmt.	26
1045	M763	A.C. rain water pipe 100 mm diameter (1.8 meter long)	Rmt.	30
1046	M764	M.S. iron bracket	Each	24
1047	M765	G.I. inlet connection	Each	14
1048	M766	Brass screw down stop tap 20 mm dia	Each	204
1049	M767	Brass screw down stop tap 25 mm dia	Each	221
1050	M768	Gun metal wheel valve (i) 15 mm diameter.	Each	187
1051	M769	Gun metal wheel valve (i) 20 mm diameter.	Each	204
1052	M770	Gun metal wheel valve (i) 35 mm diameter.	Each	315
1053	M771	Chromium plated 20 mm diameter half turn flush cock.	Each	255
1054	M772	Chromium plated 25 mm diameter half turn flush cock.	Each	264
1055	M773	Chromium plated 32 mm diameter half turn flush cock.	Each	276
1056	M774	Cromium plated bottle trap.	Each	281
1057	M775	Ball cock of copper 25 mm diameter	Each	133
1058	M776	Ball cock of copper 50 mm diameter	Each	190
1059	M777	Ball cock of abonite 25 mm diameter	Each	103
1060	M778	Ball cock of abonite 50 mm diameter	Each	138
1061	M779	Gully trap 100mm x 100 mm size.	Each	43
1062	M780	I.S. Class NP2 Heavy duty Non- Pressure Pipe (i) 250 mm diameter	Rmt.	275
1063	M781	1.80 mm thick FRP sheet	Sqmtr	255
1064	M782	Plywood all proof (IS 710) 6 mm	Sqmtr	384
1065	M783	Plywood all proof (IS 710) 8/9 mm	Sqmtr	446
1066	M784	Plywood all proof (IS 710) 12 mm	Sqmtr	503
1067	M785	Plywood all proof (IS 710) 16 mm	Sqmtr	690
1068	M786	Plywood all proof (IS 710) 18/19 mm	Sqmtr	778
1069	M787	Laminated sheet 0.80 mm thick	Sqmtr	255
1070	M788	Laminated sheet 1.00 mm thick	Sqmtr	404
1071	M789	CPVC Pipe SDR 13.5 - 15 mm daimeter (1/2)"	Rmt	46
1072	M790	CPVC Pipe SDR 13.5 - 20 mm daimeter (3/4)"	Rmt	73
1073	M791	CPVC Pipe SDR 13.5 - 25 mm daimeter (1)"	Rmt	101
1074	M792	CPVC Pipe SDR 13.5 - 32 mm daimeter (1 1/4)"	Rmt	149
1075	M793	CPVC Pipe SDR 13.5 - 40 mm daimeter (1 1/2)"	Rmt	204
1076	M794	CPVC Pipe SDR 13.5 - 50 mm daimeter	Rmt	335
1077	M795	CPVC Pipe jointing solution 50 ml	each	46
1078	M796	U PVC SCH40 for cold water 15 mm dia(1/2)"	Rmt	25
1079	M797	U PVC SCH40 for cold water 20 mm dia (3/4)"	Rmt	32
1080	M798	U PVC SCH40 for cold water 25 mm dia (1)"	Rmt	50
1081	M799	U PVC SCH40 for cold water 32 mm dia (1 1/4)"	Rmt	65
1082	M800	U PVC SCH40 for cold water 40 mm dia (1 1/2)"	Rmt	82
1083	M801	U PVC SCH40 for cold water 50 mm dia (2)"	Rmt	112
1084	M802	UPVC Pipe jointing solution 50 ml	each	78
1085	M803	PVC SWR pipes IS 13592 for Drain - 75 mmdia	Rmt	169
1086	M804	PVC SWR pipes IS 13592 for Drain - 90 mmdia	Rmt	238
1087	M805	PVC SWR pipes IS 13592 for Drain - 110 mmdia	Rmt	310

Sr. No.	Code	Description	Unit	Rate
1088	M806	PVC SWR pipes IS 13592 for Drain - 160 mmdia	Rmt	602
1089	M807	PVC SWR Nani Trap IS 14735 for Drain -75 mm dia with jali	No	80
1090	M808	PVC SWR Nani Trap IS 14735 for Drain -100 mm dia with jali	No	88
1091	M809	PVC SWR P- Trap IS 14735 for Drain -110x110	No	186
1092	M810	PVC SWR P- Trap IS 14735 for Drain -125x110	No	221
1093	M811	PVC SWR S- Trap IS 14735 for Drain -110x110	No	328
1094	M812	PVC SWR S- Trap IS 14735 for Drain -125x110	No	349
1095	M813	PVC SWR Single Y" - 75 mm dia"	No	68
1096	M814	PVC SWR Single Y" -110 mm dia"	No	130
1097	M815	PVC SWR Double Y" - 75 mm dia"	No	98
1098	M816	PVC SWR Double Y" -110 mm dia"	No	173
1099	M817	PVC SWR Single T" - 75 mm dia"	No	57
1100	M818	PVC SWR Single T" -110 mm dia"	No	104
1101	M819	PVC SWR Gully Trap 160 x 110	No	338
1102	M820	PVC SWR Single Y" - 75 mm dia With Door"	No	90
1103	M821	PVC SWR Single Y" -110 mm dia With Door"	No	161
1104	M822	PVC SWR Double Y" - 75 mm dia With Door"	No	125
1105	M823	PVC SWR Double Y" -110 mm dia With Door"	No	204
1106	M824	PVC SWR Single T" - 75 mm dia With Door"	No	69
1107	M825	PVC SWR Single T" -110 mm dia With Door"	No	128
1108	M826	PVC SWR Reducer 110 x 75	No	51
1109	M827	PVC SWR Piipe clamp 75 mm	No	10
1110	M828	PVC SWR Piipe clamp 110 mm	No	15
1111	M829	PVC SWR Piipe Bend 87.5 degree with door for 75 mm diameter	No	44
1112	M830	PVC SWR Piipe Bend 87.5 degree with door for 90 mm diameter	No	66
1113	M831	PVC SWR Piipe Bend 87.5 degree with door for 110 mm diameter	No	73
1114	M832	PVC SWR WC Connector 110 mm	No	150
1115	M833	PVC SWR LIP RING 110 X 110	No	27
1116	M834	PVC SWR LIP RING 110 X 125	No	33
1117	M835	PVC SWR Vent Cowl 75 mm dia	No	11
1118	M836	PVC SWR Vent Cowl 110 mm dia	No	23
1119	M837	PVC SWR Coupler 75 mm dia	No	33
1120	M838	PVC SWR Coupler 110 mm dia	No	53
1121	M839	PVC SWR Piipe Bend 45 degree 75 mm dia	No	37
1122	M840	PVC SWR Piipe Bend 45 degree 110 mm dia	No	69
1123	M841	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -300mm dia.	Rmt	571
1124	M842	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -450mm dia.	Rmt	877
1125	M843	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -500mm dia.	Rmt	1115
1126	M844	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -600mm dia.	Rmt	1261
1127	M845	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -900mm dia.	Rmt	2284
1128	M846	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -1000mm dia.	Rmt	3832
1129	M847	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -1200mm dia.	Rmt	5046

Sr. No.	Code	Description	Unit	Rate
1130	M848	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -1400mm dia.	Rmt	6554
1131	M849	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -300mm dia.	Rmt	581
1132	M850	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -450mm dia.	Rmt	991
1133	M851	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -500mm dia.	Rmt	1413
1134	M852	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -600mm dia.	Rmt	1893
1135	M853	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -900mm dia.	Rmt	4055
1136	M854	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -1000mm dia.	Rmt	5001
1137	M855	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -1200mm dia.	Rmt	6958
1138	M856	R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -1400mm dia.	Rmt	8922
1139	M857	Vitryfied tiles 8 mm to 10 m thick 600 X600 MM size Light shed	sq.m.	366
1140	M858	Anodised to Alluminium section	kg	43
1141	M859	Darkshed pigment	kg	76
1142	M860	Belt clamp 80mm	Each	13
1143	M861	Belt clamp 100mm	Each	18
1144	M862	Off-set 75 mm - 80 mm dia	Each	21
1145	M863	G.S.W. bend 150 mm	Each	60
1146	M864	Anodised Aluminum Butt hinges 75 mm x63 mm x 3.2 mm	10 Each	157
1147	M865	R.C.C Heavy Duty Non-Pressure pipe I.S.Class NP=2 750mm dia.	Rmt	1122
1148	M866	R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=3 900mm dia.	Rmt	2057
1149	M867	Brick bats 20mm	cu.m.	153
1150	M868	D D V P	Litre	271
1151	M869	Heptachlor	Litre	271
1152	M870	Melethione	Litre	271
1153	M871	Acetone	Litre	271
1154	M872	Pre-Moulded Asphalt joint Filler 20mm size	Rmt	714
1155	M873	100 mm thick SIL FLEX (Capcell HD 100) expansion joint filler board in sheet foam	sqm	30
1156	M874	Hydrocell XL semi rigid UV resistance high performance laminated closed cell polythene foam joint filler in sheet foam	sqm	30
1157	M875	Expansion joint sealing System on 100 mm Wide	sqm	4800
1158	M876	Polysulphide material density of material 1650 Kg/m3	Kg	448
1159	M877	PU foam expancell.	Rmt	32
1160	M878	4mm thick exterior composite panel	sqm	1000
1161	M879	Anodized Alluminium Groove member For top fix glass. Sec:4431	Kg	250
1162	M880	Powder coated Alluminium Groove member For top fix glass.Sec:4431	Kg	250

Sr. No.	Code	Description	Unit	Rate
1163	M881	Anodized Alluminium Horizontal four track Section :8787, 122.20 x 31.75 x 1.10 mm @ Wt. 1.205 Kg/mt	Kg	250
1164	M882	Powder coated Alluminium Horizontal four track Section :8787, 122.20 x 31.75 x 1.10 mm @ Wt. 1.205 Kg/mt	Kg	250
1165	M883	Anodized Alluminium Horizontal Shutter Section 8947, 40.00 x 18.00 x 1.29 mm @ Wt. 0.456 Kg/mt	Kg	250
1166	M884	Anodized Alluminium Horizontal three track Section :92mm x 31.75mm x 1.30mm (of Jindal Section no:8688,@ Wt. 1.07 Kg/mt)	Kg	250
1167	M885	Powder coated Alluminium Horizontal three track Section :92mm x 31.75mm x 1.30mm (of Jindal Section no:8688,@ Wt. 1.07 Kg/mt)	Kg	250
1168	M886	Anodized Alluminium Horizontal Two track Section :8687, 61.85 x 31.75 x 1.20 mm @ Wt. 0.695 Kg/mt	Kg	250
1169	M887	Powder coated Alluminium Horizontal Two track Section :8687, 61.85 x 31.75 x 1.20 mm @ Wt. 0.695 Kg/mt	Kg	250
1170	M888	Anodized Alluminium Vertical four track Section :8935, 122.20 x 31.75 x 1.50 mm @ Wt. 1.398 Kg/mt	Kg	250
1171	M889	Powder coated Alluminium Vertical four track Section :8935, 122.20 x 31.75 x 1.50 mm @ Wt. 1.398 Kg/mt	Kg	250
1172	M890	Anodized Alluminium Vertical Shutter Section 8949, 40.00 x 18.00 x 1.29 mm @ Wt. 0.456 Kg/mt	Kg	250
1173	M891	Powder coated Alluminium Vertical Shutter Section 8949, 40.00 x 18.00 x 1.29 mm @ Wt. 0.456 Kg/mt	Kg	250
1174	M892	Anodized Alluminium Vertical Shutter Section 8948, 40.00 x 18.00 x 1.29 mm @ Wt. 0.547 Kg/mt	Kg	250
1175	M893	Powder coated Alluminium Vertical Shutter Section 8948, 40.00 x 18.00 x 1.29 mm @ Wt. 0.547 Kg/mt	Kg	250
1176	M894	Anodized Alluminium Vertical three track Section :92mm x 31.75mm x 1.50mm (of Jindal Section no:8933,@ Wt. 1.06 Kg/mt)	Kg	250
1177	M895	Powder coated Alluminium Vertical three track Section :92mm x 31.75mm x 1.50mm (of Jindal Section no:8933,@ Wt. 1.06 Kg/mt)	Kg	250
1178	M896	Anodized Alluminium Vertical Shutter Section 8947, 40.00 x 18.00 x 1.29 mm @ Wt. 0.456 Kg/mt	Kg	250
1179	M897	Powder coated Alluminium Vertical Shutter Section 8947, 40.00 x 18.00 x 1.29 mm @ Wt. 0.456 Kg/mt	Kg	250
1180	M898	Anodized Alluminium Vertical Two track Section :8758, 61.85 x 31.75 x 1.30 mm @ Wt. 0.659 Kg/mt	Kg	250
1181	M899	Powder coated Alluminium Vertical Two track Section :8758, 61.85 x 31.75 x 1.30 mm @ Wt. 0.659 Kg/mt	Kg	250
1182	M900	Anodized Aluminium , Section :2443, 127.00 x 38.10 x 1.35 mm @ Wt.1.384 Kg/mt	Kg	250
1183	M901	Powder coated Alluminium Section :2443, 127.00 x 38.10 x 1.35 mm @ Wt.1.384 Kg/mt	Kg	250
1184	M902	Anodized Alluminium 95mm x 24mm x 1.17mm (of Jindal Section no:2459 @ wt.of 0.738Kg/mt)	Kg	250
1185	M903	Powder coated Alluminium 95mm x 24mm x 1.17mm (of Jindal Section no:2459 @ wt.of 0.738Kg/mt)	Kg	250
1186	M904	Anodized Alluminium Section 63.50 x 38.10 x 1.2 mm @ Wt. 0.643 Kg/mt	Kg	250
1187	M905	Powder coated Alluminium Section 63.50 x 38.10 x 1.2 mm @ Wt. 0.643 Kg/mt	Kg	250

Sr. No.	Code	Description	Unit	Rate
1188	M906	Beading clips Size 19.00 x 17.30 x 0.90 mm @ Wt. 0.124 Kg/mt.	Kg	250
1189	M907	Pre-cast kerb block M250 Grade	Rmt.	200
1190	M908	Paver block M200 Grade 60mm Thick	sqm	390
1191	M910	Paver block M250 Grade 60mm Thick	sqm	445
1192	M911	Glazed tiles piece wastage.	sqm	75
1193	M912	Polycarbonate multi wall Roofing sheet	sqm	1080
1194	M913	Hardware material hilti screw and rubber silicon sealer and aluminium strip of size 50 x 3 mm	sqm	363.15
1195	M914	Birla or Asian acrylic lapy (putty)	sqm	21.52
1196	M915	wall primer of approved brand	sqm	19.3
1197	M916	PVC water tank	litre	3.75
1198	M917	Plasticizer 300 ml of 50 kg cement	liter	30
1199	M918	Sunext 8 (3 coat)	sqmr.	21
1200	M919	1. 12 mm thick CAPCELL HD - 100 pre-moulded compressible filler board	sqm	300
1201	M920	1. 20 mm thick CAPCELL HD - 100 pre-moulded compressible filler board	sqm	500
1202	M921	1. 40 mm thick CAPCELL HD - 100 pre-moulded compressible filler board	sqm	1000
1203	M922	1. 12mm x 10 mm sealant for 12 mm thick pre-moulded compressible filler board	kg	465
1204	M923	1. 20mm x 10 mm sealant for 20 mm thick pre-moulded compressible filler board	kg	465
1205	M924	Aerated light weight concrete block 600 x 200 x 200 mm	Nos.	88.8
1206	M925	1. 15 mm diameter backup rod	m	6.75
1207	M926	1. 20 mm diameter backup rod	m	11.25
1208	M927	1. 30 mm diameter backup rod	m	13.5
1209	M928	1. 50 mm diameter backup rod	m	45
1210	M929	1. 60 mm diameter backup rod	m	60
1211	M930	PPGI Sheet (0.5 mm Thk) (100+100+10 wt. of 0.82425 per no.)	Nos.	75
1212	M931	PPGI Sheet (0.5 mm Thk) (150+150+10 wt. of 1.21675 per no.)	Nos.	75
1213	M932	1. 15 mm diameter CPVC (SDR 13.5) PIPE with fittings like lbow, tee	Meter	54
1214	M933	1. 20 mm diameter CPVC (SDR 13.5) PIPE	Meter	86
1215	M934	1. 25 mm diameter CPVC (SDR 13.5) PIPE	Meter	119
1216	M935	1. 32 mm diameter CPVC (SDR 13.5) PIPE	Meter	175
1217	M936	1. 40 mm diameter CPVC (SDR 13.5) PIPE	Meter	240
1218	M937	1. 50 mm diameter CPVC (SDR 13.5) PIPE	Meter	394
1219	M938	15mm dia. U.P.V.C. Pipe ((SCH- 40) length = 12.0 mt	Rmt	29
1220	M939	25mm dia. U.P.V.C. Pipe ((SCH- 40) length = 12.0 mt	Rmt	59
1221	M940	32mm dia. U.P.V.C. Pipe ((SCH- 40) length = 12.0 mt	Rmt	76
1222	M941	40mm dia. U.P.V.C. Pipe ((SCH- 40) length = 12.0 mt	Rmt	96
1223	M942	50mm dia. U.P.V.C. Pipe ((SCH- 40) length = 12.0 mt	Rmt	132
1224	M943	Clamps including Nails	Nos	5
1225	M944	Solution 50 ml adhesive solvent	Nos	92
1226	M945	3. Clamps	No.	111
1227	M946	4. Solution	No.	18
1228	M947	1. 160 dia UPVC pipe	Rmt	708
1229	M948	2. Plug		0
1230	M949	5. Jani Hails	ml	92

Sr. No.	Code	Description	Unit	Rate
1231	M950	30mm thick PUF Insulated continuous sandwich panels (0.5 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated)	Sqm	1343.75
1232	M951	30mm thick PUF Insulated continuous sandwich panels(0.35 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated)	Sqm	1161
1233	M952	50mm thick PUF Insulated continuous sandwich panels(0.50 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated)	Sqm	1374
1234	M953	50mm thick PUF Insulated continuous sandwich panels(0.35 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated)	Sqm	1182
1235	M954	40mm thick PUF Insulated continuous sandwich panels(0.5 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated)	Sqm	1325
1236	M955	40mm thick PUF Insulated continuous sandwich panels(0.35 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated)	Sqm	1133
1237	M956	RHS 122 x 61 x 3.6 (2904mm)	Kg	60
1238	M957	8mm Plate (122 X 61mm)	Kg	48
1239	M958	8mm Plate (300 x 300)	Kg	48
1240	M959	8mm Plate (100 x 75)	Kg	48
1241	M960	8mm Plate (110 x 70)	Kg	48
1242	M961	PPGI Sheet 52mm x 30mm (0.5 mm Thk)	Nos.	75
1243	M962	Machineing Charge for making continous Profiling for PPGI Sheet 52mm x 30mm (0.5 mm Thk)	Rmt	60
1244	M964	Machineing Charge for making continous Profiling PPGI Sheet 42mm x 30mm (0.5 mm Thk)	Rmt	60
1245	M965	PPGI Sheet 42mm x 30mm (0.5 mm Thk)	Nos.	75
1246	M967	PPGI Sheet 1000mm x 600mm (0.5 mm Thk)	Nos.	75
1247	M969	PPGI Sheet 1000mm x 600mm (0.5 mm Thk)	Nos.	75
1248	M970	Machineing Charge for making continous Profiling PPGI Sheet 1000mm x 600mm (0.5 mm Thk)	Rmt	520
1249	M971	PPGI Sheet End Cap for 30mm thick panel (0.5 mm Thk)	Nos.	75
1250	M973	PPGI Sheet End Cap for 40mm thick panel (0.5 mm Thk)	Nos.	75
1251	M975	PPGI Sheet Corner Angle 25x25 for Various Flashing (0.5 mm Thk)	Nos.	75
1252	M977	PPGI Sheet Corner Angle 50x50 for Various Flashing (0.5 mm Thk)	Nos.	75
1253	M979	PPGI Sheet Corner Angle 100x100 for Various Flashing (0.5 mm Thk)	Nos.	75
1254	M981	PPGI Sheet Corner Angle 150x150 for Various Flashing (0.5 mm Thk)	Nos.	75
1255	M983	Silane Nanotechnology	Kg	800
1256	M984	Acrylic copolymer	Kg	250
1257	M985	Water	Kg	0.25
1258	M986	Water tanker with pressure distributor/sprayer	hrs	500

Sr. No.	Code	Description	Unit	Rate
1259	M987	Silane Nanotechnology (for bitumen emulsion application)	Kg	1250
1260	M988	BT Metal 25 to 40 MM & Aggregate 13.2 and down chips & SD including conveyence	Cum	920.19
1261	M989	Silane Nanotechnology Z	Kg	1400
1262	M990	Light weight Calcium Silicate tegular edged 595X595 Modular Acoustical ceiling tiles with 15 mm Thick Densified edges including 5% wastage	Sqm	950
1263	M991	Galvanized Steel main Tee ceiling section Size 24x38x0.33mm (3 metre long)	Each	180
1264	M992	Galvanized Steel perimeter wall Angle Size 24 x 24 x 0.40 mm (3.00 metre long)	Each	170.5
1265	M993	Galvanized Steel intermediate cross T section Size 24 x 28 x 0.30 mm (1.2 metre long)	Each	90
1266	M994	Galvanized Steel intermediate cross T section Size 24 x 28 x 0.30 (0.6 metre long)	Each	45.1
1267	M995	Hanger rod 4mm thick	Each	7
1268	M996	Level Adjustment clip Size 85x30x0.8 mm	Each	6
1269	M997	Dash fastener 12.5 mm dia 50 mm long	Each	48
1270	M998	Soffit cleat 25mmx35mmx1.60mm	Each	3
1271	M999	Wooden screws with plastic rawl plugs 35mm x 8mm,	Each	1

CHAPTER-2 MORTARS

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
2001	2.5.1	Lime Mortar 1:1 (1-lime putty/ Equivalent dry Hydrated Lime : 1-Fine sand) (upto 10 ton)	cu.m	1468.00
02001A	2.5.1	Lime Mortar 1:1 (1-lime putty/ Equivalent dry Hydrated Lime : 1-Fine sand) (more than 10 ton)	cu.m	1376.00
2002	2.5.2	Lime Mortar 1:2 (1-lime putty/ Equivalent dry Hydrated Lime : 2-Fine sand) (upto 10 ton)	cu.m	1263.00
02002A	2.5.2	Lime Mortar 1:2 (1-lime putty/ Equivalent dry Hydrated Lime : 2-Fine sand) (more than 10 ton)	cu.m	1193.00
2003	2.5.3	Lime Mortar 1:3 (1-lime putty/Equivalent dry Hydrated Lime : 3 - Fine sand) (upto 10 ton)	cu.m	1161.00
02003A	2.5.3	Lime Mortar 1:3 (1-lime putty/Equivalent dry Hydrated Lime : 3 - Fine sand) (more than 10 ton)	cu.m	1101.00
2004	0	Lime Mortar 1:1.5 (1-lime putty/ Equivalent dry Hydrated Lime : 1.5 Fine sand) (upto 10 ton)	cu.m	1387.00
02004A	0	Lime Mortar 1:1.5 (1-lime putty/ Equivalent dry Hydrated Lime : 1.5 Fine sand) (more than 10 ton)	cu.m	1299.00
2005	2.5.11	Cement Mortar 1:1 (1-Cement: 1- fine sand) (upto 10 ton)	cu.m	5605.00
02005A	2.5.11	Cement Mortar 1:1 (1-Cement: 1- fine sand) (more than 10 ton)	cu.m	5529.00
2006	2.5.12	Cement Mortar 1:2(1-Cement: 2-fine sand) (upto 10 ton)	cu.m	3990.00
02006A	2.5.12	Cement Mortar 1:2(1-Cement: 2-fine sand) (more than 10 ton)	cu.m	3924.00
2007	2.5.13	Cement Mortar 1:3(1-Cement: 3- fine sand) (upto 10 ton)	cu.m	3184.00
02007A	2.5.13	Cement Mortar 1:3(1-Cement: 3- fine sand) (more than 10 ton)	cu.m	3122.00
2008	2.5.14	Cement Mortar 1:4(1-Cement: 4- fine sand) (upto 10 ton)	cu.m	2537.00
02008A	2.5.14	Cement Mortar 1:4(1-Cement: 4- fine sand) (more than 10 ton)	cu.m	2482.00
2009	2.5.15	Cement Mortar 1:5(1-Cement: 5- fine sand) (upto 10 ton)	cu.m	2189.00
02009A	2.5.15	Cement Mortar 1:5(1-Cement: 5- fine sand) (more than 10 ton)	cu.m	2137.00
2010	2.5.16	Cement Mortar 1:6(1-Cement: 6- fine sand) (upto 10 ton)	cu.m	1891.00
02010A	2.5.16	Cement Mortar 1:6(1-Cement: 6- fine sand) (more than 10 ton)	cu.m	1842.00
2011	2.5.18	Cement Mortar 1:3 (1-Cement: 3 - coarse sand) (upto 10 ton)	cu.m	3202.00
02011A	2.5.18	Cement Mortar 1:3 (1-Cement: 3 - coarse sand) (more than 10 ton)	cu.m	3140.00
2012	2.5.19	Cement Mortar 1:4 (1-Cement: 4 - coarse sand) (upto 10 ton)	cu.m	2556.00
02012A	2.5.19	Cement Mortar 1:4 (1-Cement: 4 - coarse sand) (more than 10 ton)	cu.m	2500.00
2013	2.5.20	Cement Mortar 1:5 (1-Cement: 5 - coarse sand) (upto 10 ton)	cu.m	2208.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
02013A	2.5.20	Cement Mortar 1:5 (1-Cement: 5 - coarse sand) (more than 10 ton)	cu.m	2156.00
2014	2.5.21	Cement Mortar 1:6 (1-Cement: 6 - coarse sand) (upto 10 ton)	cu.m	1909.00
02014A	2.5.21	Cement Mortar 1:6 (1-Cement: 6 - coarse sand) (more than 10 ton)	cu.m	1860.00
2015	0	Cement Mortar 1:8 (1-Cement: 8 - fine sand) (upto 10 ton)	cu.m	1611.00
02015A	0	Cement Mortar 1:8 (1-Cement: 8 - fine sand) (more than 10 ton)	cu.m	1565.00
2016	0	Lime Mortar 1:1.5 (1- Lime putty / Equivalent dry hydrated Lime:1.5 coarse sand) (upto 10 ton)	cu.m	1402.00
02016A	0	Lime Mortar 1:1.5 (1- Lime putty / Equivalent dry hydrated Lime:1.5 coarse sand) (more than 10 ton)	cu.m	1312.00

CHAPTER- 4 EARTH WORK (EXECUTED WITH MANUAL LABOUR)

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
04B001A	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	cu.m	119.00
04B001B	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil	cu.m	152.00
04B001C	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum	cu.m	259.00
04B001D	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(D) Soft rock not requiring Blasting	cu.m	268.00
04B001E	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock	cu.m	555.00
04B002A	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	cu.m	132.00
04B002B	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil	cu.m	165.00
04B002C	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum	cu.m	278.00
04B002D	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead. (D) Soft rock not requiring Blasting	cu.m	291.00
04B002E	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock	cu.m	578.00
04B003A	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	cu.m	145.00
04B003B	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil	cu.m	178.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
04B003C	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 Meter lead.(C) Hard Murrum	cu.m	291.00
04B003D	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(D) Soft rock not requiring Blasting	cu.m	314.00
04B003E	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock	cu.m	601.00

CHAPTER- 4 EARTH WORK (EXECUTED WITH MECHANISED EFFORTS/ MACHINARIES)

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
04001A	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	cu.m	67.20
04001B	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil	cu.m	86.00
04001C	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum	cu.m	146.00
04001D	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(D) Soft rock not requiring Blasting	cu.m	152.00
04001E	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock	cu.m	343.00
04002A	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	cu.m	74.50
04002B	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil	cu.m	93.30
04002C	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum	cu.m	157.00
04002D	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead. (D) Soft rock not requiring Blasting	cu.m	165.00
04002E	0	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock	cu.m	356.00
04003A	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	cu.m	81.80
04003B	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil	cu.m	101.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
04003C	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 Meter lead.(C) Hard Murrum	cu.m	165.00
04003D	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(D) Soft rock not requiring Blasting	cu.m	178.00
04003E	0	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock	cu.m	369.00
04004A	0	Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 m lead.(A) Loose or soft soil	cu.m	12.90
04004B	0	Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 m lead.(B) Dense or Hard soil	cu.m	12.90
04004C	0	Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 m lead.(C) Hard Murrum	cu.m	17.80
04004D	0	Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 m lead.(D) Soft rock not require Blasting	cu.m	23.00
04004E	0	Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 m lead.(E) Hard Rock	cu.m	23.00
04005A	0	Add extra for Disposing off the excavated stuff of above items for lead of (A) 50 m to 100 m	cu.m	12.30
04005B	0	Add extra for Disposing off the excavated stuff of above items for lead of (B) 100 m to 200 m	cu.m	24.70
04005C	0	Add extra for Disposing off the excavated stuff of above items for lead of (C) 200 m to 300 m	cu.m	37.00
04005D	0	Add extra for Disposing off the excavated stuff of above items for lead of (D) 300 m to 400 m	cu.m	54.80
04005E	0	Add extra for Disposing off the excavated stuff of above items for lead of (E) 400 to 500 m	cu.m	91.30
4006	4.12	Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering.	cu.m	76.50
4007	4.24	Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete (upto 10 ton)	cu.m	398.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
04007A	4.24	Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete (more than 10 ton)	cu.m	309.00
4008	0	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete. (upto 10 ton)	cu.m	248.00
04008A	0	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete. (more than 10 ton)	cu.m	250.00
4009	0	Filling in foundation and plinth with brick Bats Chhara in layers of 20cm. thickness including watering, remming and consolidating etc. complete. (upto 10 ton)	cu.m	444.00
04009A	0	Filling in foundation and plinth with brick Bats Chhara in layers of 20cm. thickness including watering, remming and consolidating etc. complete. (more than 10 ton)	cu.m	463.00
04010A	4.27	Boring holes 3.5 m deep in ordinary soil (for cast in situ piles) and getting out the soil and disposal of the surplus excavated soil as directed within a lead of 50 Meter for following diameter of pipes.(i)200 mm	Each	609.00
04010B	4.27	Boring holes 3.5 m deep in ordinary soil (for cast in situ piles) and getting out the soil and disposal of the surplus excavated soil as directed within a lead of 50 Meter for following diameter of pipes.(ii) 250 mm	Each	729.00
04010C	4.27	Boring holes 3.5 m deep in ordinary soil (for cast in situ piles) and getting out the soil and disposal of the surplus excavated soil as directed within a lead of 50 Meter for following diameter of pipes.(iii) 300 mm	Each	853.00
04011A	4.28	Extra for under reaming inside the bore Holes for under reamed piles of following Diameter.(i) 200 mm	Each	243.00
04011B	4.28	Extra for under reaming inside the bore Holes for under reamed piles of following Diameter.(ii) 250 mm	Each	292.00
04011C	4.28	Extra for under reaming inside the bore Holes for under reamed piles of following Diameter.(iii) 300 mm	Each	363.00
04012A	4.29	Add to or deduct from the rate for Bore Holes of 3.5 m Depth, if bore holes are made deeper or shallower than 3.5M. for Piles of following diameter.(i) 200 mm	Each	204.00
04012B	4.29	Add to or deduct from the rate for Bore Holes of 3.5 m Depth, if bore holes are made deeper or shallower than 3.5M. for Piles of following diameter.(ii) 250 mm	Each	272.00
04012C	4.29	Add to or deduct from the rate for Bore Holes of 3.5 m Depth, if bore holes are made deeper or shallower than 3.5M. for Piles of following diameter.(iii) 300 mm	Each	305.00

CHAPTER- 5 CONCRETE WORK

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
5001	5.1.6	Providing and laying in foundation and plinth / under floors lime concrete with hand broken stone aggregates 40mm nominal size and 40% mortar comprising of 1-Lime putty : 2-Fine sand and curing complete excluding cost of formwork. (upto 10 ton)	cu.m	1710.00
05001A	5.1.6	Providing and laying in foundation and plinth / under floors lime concrete with hand broken stone aggregates 40mm nominal size and 40% mortar comprising of 1-Lime putty : 2-Fine sand and curing complete excluding cost of formwork. (more than 10 ton)	cu.m	1660.00
5002	5.1.8	Providing and laying in foundation and plinth / under floors lime concrete with graded brick aggregates 40 mm nominal size and 40% mortar comprising of 1-Limeputty : 2-Fine sand and curing completeexcluding cost of formwork. (upto 10 ton)	cu.m	1434.00
05002A	5.1.8	Providing and laying in foundation and plinth / under floors lime concrete with graded brick aggregates 40 mm nominal size and 40% mortar comprising of 1-Limeputty : 2-Fine sand and curing completeexcluding cost of formwork. (more than 10 ton)	cu.m	1631.00
5003	5.3.2	Providing and laying cement concrete 1:3:6 (1-Cement : 3-coarse sand : 6- hand broken stone aggregates 40 mmnominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (upto 10 ton)	cu.m	2444.00
05003A	5.3.2	Providing and laying cement concrete 1:3:6 (1-Cement : 3-coarse sand : 6- hand broken stone aggregates 40 mmnominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (more than 10 ton)	cu.m	2106.00
5004	5.3.3	Providing and laying cement concrete 1:4:8 (1- Cement : 4-coarse sand : 8- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (upto 10 ton)	cu.m	2176.00
05004A	5.3.3	Providing and laying cement concrete 1:4:8 (1- Cement : 4-coarse sand : 8- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (more than 10 ton)	cu.m	1887.00
5005	5.3.14	Providing and laying cement concrete 1:3:6 (1- Cement : 3-Coarse sand : 6- crushed stone aggregates 20 mm nominal size) and curing complete including cost of formwork in (A) Wall Caps / Coping (upto 10 ton)	cu.m	2876.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
05005A	5.3.14	Providing and laying cement concrete 1:3:6 (1- Cement : 3- Coarse sand : 6- crushed stone aggregates 20 mm nominal size) and curing complete including cost of formwork in (A) Wall Caps / Coping (more than 10 ton)	cu.m	2712.00
5006	5.3.4	Providing and laying cement concrete 1:5:10 (1- Cement : 5- Coarse sand : 10- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (upto 10 ton)	cu.m	1961.00
05006A	5.3.4	Providing and laying cement concrete 1:5:10 (1- Cement : 5- Coarse sand : 10- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (more than 10 ton)	cu.m	1712.00
5007	5.3.2	Providing and laying cement concrete 1:3:6 (1- Cement : 3- Coarse sand : 6- Graded brick bat aggregate 40mm normal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (upto 10 ton)	cu.m	2188.00
05007A	5.3.2	Providing and laying cement concrete 1:3:6 (1- Cement : 3- Coarse sand : 6- Graded brick bat aggregate 40mm normal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (more than 10 ton)	cu.m	2078.00
5008	5.3.3	Providing and laying cement concrete 1:4:8 (1- Cement : 4- Coarse sand : 8- Graded Brick bats aggregate 40mm normal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (upto 10 ton)	cu.m	1920.00
05008A	5.3.3	Providing and laying cement concrete 1:4:8 (1- Cement : 4- Coarse sand : 8- Graded Brick bats aggregate 40mm normal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (more than 10 ton)	cu.m	1859.00
5009	5.3.8	Providing and laying cement concrete 1:5:10 (1- Cement : 5- fine sand : 10- graded brick bat aggregates 40mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (upto 10 ton)	cu.m	1697.00
05009A	5.3.8	Providing and laying cement concrete 1:5:10 (1- Cement : 5- fine sand : 10- graded brick bat aggregates 40mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (more than 10 ton)	cu.m	1688.00
05010A	5.3.13	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (upto 10 ton)	cu.m	3069.00
05010AA	5.3.13	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (more than 10 ton)	cu.m	2758.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
05010B	5.3.13	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (B)Independent piers, columns, and pillars, upto floor two level (upto 10 ton)	cu.m	3069.00
05010BA	5.3.13	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (B)Independent piers, columns, and pillars, upto floor two level (more than 10 ton)	cu.m	2758.00
05011A	5.4.1	Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base or columns and Mass concrete (upto 10 ton)	cu.m	3154.00
05011AA	5.4.1	Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base or columns and Mass concrete (more than 10 ton)	cu.m	2880.00
05011B	5.4.1	Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (B) Slabs, landing, shelves, Balconis , Lintels, Beams, Girders and Cantilever upto floor two level. (upto 10 ton)	cu.m	3188.00
05011BA	5.4.1	Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (B) Slabs, landing, shelves, Balconis , Lintels, Beams, Girders and Cantilever upto floor two level. (more than 10 ton)	cu.m	2929.00
05011D	5.4.1	Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts upto floor two level. (upto 10 ton)	cu.m	3188.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
05011DA	5.4.1	Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts upto floor two level. (more than 10 ton)	cu.m	2929.00
05011E	5.4.1	Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (E)Staircases excluding landing upto floor two level (upto 10 ton)	cu.m	3376.00
05011EA	5.4.1	Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (E)Staircases excluding landing upto floor two level (more than 10 ton)	cu.m	3214.00
05011K	5.4.1	Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (K)Vertical and Horizontal its upto floor two level. (upto 10 ton)	cu.m	3277.00
05011KA	5.4.1	Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (K)Vertical and Horizontal its upto floor two level. (more than 10 ton)	cu.m	3045.00
5012	5.4.4	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) for reinforced concrete Chhajjas not exceeding 10cm. thickness upto floor two level including finishing the exposed surfaces with cement mortar 1:3 (1-cement, 3 Fine sand) to give a smooth and even surface centering and formwork and curing complete excluding cost of reinforcement. (upto 10 ton)	cu.m	4905.00
05012A	5.4.4	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) for reinforced concrete Chhajjas not exceeding 10cm. thickness upto floor two level including finishing the exposed surfaces with cement mortar 1:3 (1-cement, 3 Fine sand) to give a smooth and even surface centering and formwork and curing complete excluding cost of reinforcement. (more than 10 ton)	cu.m	4655.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
5013	5.4.10	Providing Mild Steel reinforcement for R.C.C. work including bending binding, and placing in position complete upto floor two level. (upto 10 ton)	kg	39.60
05013A	5.4.10	Providing Mild Steel reinforcement for R.C.C. work including bending binding, and placing in position complete upto floor two level. (more than 10 ton)	kg	39.50
05014A	5.4.11	Providing H.Y.S.D. Bar reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level (upto 10 ton)	kg	41.10
05014AA	5.4.11	Providing H.Y.S.D. Bar reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level (more than 10 ton)	kg	41.10
05014B	5.4.11	Providing TMT Bar FE 415 reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level (upto 10 ton)	kg	44.30
05014BA	5.4.11	Providing TMT Bar FE 415 reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level (more than 10 ton)	kg	44.20
05014C	5.4.11	Providing TMT Bar FE 500/500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level (upto 10 ton)	kg	45.00
5015	5.4.13	Extra for additional lift of concrete for all R.C.C. work above floor two level excluding cost of reinforcement (upto 10 ton)	cu.m	33.50
05015A	5.4.13	Extra for additional lift of concrete for all R.C.C. work above floor two level excluding cost of reinforcement (more than 10 ton)	cu.m	29.20
5016	5.4.13A	Extra for additional lift of reinforcing steel for all R.C.C. work above floor two level. (upto 10 ton)	kg	0.70
05016A	5.4.13A	Extra for additional lift of reinforcing steel for all R.C.C. work above floor two level. (more than 10 ton)	kg	0.60
5017	5.4.16	Deduct for omitting in R.C.C. work smooth finishing of the exposed surface with cement mortar 1:3 (1-Cement : 3-Fine sand)	Sqm	83.30
5018	5.4.18	Providing throating or plaster drip and moulding to R.C.C. Chhajja.	Rmt	24.60
05019A	5.6.2	Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2- coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening,cleaning, fixing and finishing in cement mortar 1:3 and curing complete. (A) 50mm thick	Sqm	439.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
05019B	5.6.2	Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2- coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening,cleaning, fixing and finishing in cement mortar 1:3 and curing complete. (B) 40mm thick	Sqm	399.00
05019C	5.6.2	Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2- coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening,cleaning, fixing and finishing in cement mortar 1:3 and curing complete. (C) 25mm thick	Sqm	422.00
05019D	5.6.2	Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2- coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening,cleaning, fixing and finishing in cement mortar 1:3 and curing complete. (D) 75mm thick	Sqm	467.00
05019E	5.6.2	Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2- coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening,cleaning, fixing and finishing in cement mortar 1:3 and curing complete.(E) 100mm thick	Sqm	486.00
5020	5.6.9	Extra for additional lift for providing and fixing in position precast R.C.C. units above floor two level	Sqm	6.20
5021	5.7.1	Providing and laying damp proof course 25mm thick cement concrete 1:2:4 (1-Cement : 2 coarse sand : 4 stone aggregate 10 mm nominal size) and curing complete (upto 10 ton)	Sqm	174.00
05021A	5.7.1	Providing and laying damp proof course 25mm thick cement concrete 1:2:4 (1-Cement : 2 coarse sand : 4 stone aggregate 10 mm nominal size) and curing complete (more than 10 ton)	Sqm	184.00
5022	5.7.5	Extra for providing and mixing water proofing material in Cement concrete in mix proportion recommended by the manufacturers.	Litres or Kg per Quintal of Cement	57.40
05023A	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings,Base of columns and Mass concrete (upto 10 ton)	cu.m	3204.00
05023AA	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings,Base of columns and Mass concrete (more than 10 ton)	cu.m	2893.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
05023B	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level (upto 10 ton)	cu.m	3295.00
05023BA	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level (more than 10 ton)	cu.m	3025.00
05023C	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (C) Slabs, landing, shelves, Balconies, Lintels, Beams, Girders and Cantilever upto floor two level (upto 10 ton)	cu.m	3288.00
05023CA	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (C) Slabs, landing, shelves, Balconies, Lintels, Beams, Girders and Cantilever upto floor two level (more than 10 ton)	cu.m	3015.00
05023D	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts upto floor two level. (upto 10 ton)	cu.m	3325.00
05023DA	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts upto floor two level. (more than 10 ton)	cu.m	3068.00
05023E	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (E) Staircases excluding landing upto floor two level (upto 10 ton)	cu.m	3752.00
05023EA	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (E) Staircases excluding landing upto floor two level (more than 10 ton)	cu.m	3564.00
05023K	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (K) Vertical and Horizontal its upto floor two level. (upto 10 ton)	cu.m	3605.00
05023KA	5.8.1	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (K) Vertical and Horizontal its upto floor two level. (more than 10 ton)	cu.m	3350.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
05024A	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete (upto 10 ton)	cu.m	3502.00
05024AA	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete (more than 10 ton)	cu.m	3085.00
05024B	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level (upto 10 ton)	cu.m	3679.00
05024BA	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level (more than 10 ton)	cu.m	3338.00
05024C	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (C) Slabs,landing,shelves,Balconies Lintels, Beams, Girders and Cantilever upto floor two level. (upto 10 ton)	cu.m	3672.00
05024CA	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (C) Slabs,landing,shelves,Balconies Lintels, Beams, Girders and Cantilever upto floor two level. (more than 10 ton)	cu.m	3329.00
05024D	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts upto floor two level. (upto 10 ton)	cu.m	3709.00
05024DA	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts upto floor two level. (more than 10 ton)	cu.m	3382.00
05024E	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (E) Staircases excluding landing upto floor two level (upto 10 ton)	cu.m	3938.00
05024EA	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (E) Staircases excluding landing upto floor two level (more than 10 ton)	cu.m	3708.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
05024K	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (K) Vertical and Horizontal its upto floor two level. (upto 10 ton)	cu.m	3754.00
05024KA	5.8.2	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (K) Vertical and Horizontal its upto floor two level. (more than 10 ton)	cu.m	3446.00
05025A	5.8.3	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete. (upto 10 ton)	cu.m	3782.00
05025AA	5.8.3	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete. (more than 10 ton)	cu.m	3367.00
05025B	5.8.3	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level (upto 10 ton)	cu.m	3873.00
05025BA	5.8.3	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level (more than 10 ton)	cu.m	3498.00
05025C	5.8.3	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (C) Slabs,landing,shelves,Balconies, Lintels, Beams, Girders and Cantilever upto floor two level. (upto 10 ton)	cu.m	3866.00
05025CA	5.8.3	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (C) Slabs,landing,shelves,Balconies, Lintels, Beams, Girders and Cantilever upto floor two level. (more than 10 ton)	cu.m	3488.00
05025D	5.8.3	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts, upto floor two level. (upto 10 ton)	cu.m	3904.00
05025DA	5.8.3	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts, upto floor two level. (more than 10 ton)	cu.m	3542.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
05026A	0	Providing and Laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (i) Slabs upto 8cm thickness	cu.m	5212.00
05026B	0	Providing and Laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (ii) Slabs having more than 8 cm and upto 10 cm.thickness	cu.m	4807.00
05026C	0	Providing and Laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iii) Slabs having more than 10 cm and upto 13 cm. thickness	cu.m	4536.00
05026D	0	Providing and Laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iv) Slabs having more than 13 cm and upto 15 cm.thickness	cu.m	4268.00
05027A	0	Providing and Laying controlled cement concrete M.150 and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (i) Slabs upto 8cm thickness	cu.m	5312.00
05027B	0	Providing and Laying controlled cement concrete M.150 and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (ii) Slabs having more than 8 cm and upto 10 cm.thickness	cu.m	4908.00
05027C	0	Providing and Laying controlled cement concrete M.150 and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iii) Slabs having more than 10 cm and upto 13 cm. thickness	cu.m	4533.00
05027D	0	Providing and Laying controlled cement concrete M.150 and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iv) Slabs having more than 13 cm and upto 15 cm.thickness	cu.m	4368.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
05028A	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (i) Slabs upto 8cm thickness	cu.m	5865.00
05028B	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (ii) Slabs having more than 8 cm and upto 10 cm.thickness	cu.m	5330.00
05028C	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iii) Slabs having more than 10 cm and upto 13 cm. thickness	cu.m	4868.00
05028D	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iv) Slabs having more than 13 cm and upto 15 cm.thickness	cu.m	4616.00
05029A	0	Providing and laying controlled cement concrete M.150 and exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (i) Slabs upto 8cm thickness	cu.m	5966.00
05029B	0	Providing and laying controlled cement concrete M.150 and exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.Cwork in (ii) Slabs having more than 8 cm and upto 10 cm.thickness	cu.m	5430.00
05029C	0	Providing and laying controlled cement concrete M.150 and exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.Cwork in (iii) Slabs having more than 10 cm and upto 13 cm. thickness	cu.m	4935.00
05029D	0	Providing and laying controlled cement concrete M.150 and exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.Cwork in (iv) Slabs having more than 13 cm and upto 15 cm.thickness	cu.m	4717.00
5030	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) for R.C.C lintel including finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement.	cu.m	5840.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
05031A1	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (A) BEAMS :(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	5494.00
05031A2	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (A) BEAMS :(ii) Having cross-sectional area more than 0.08Sq.M and upto 0.12 Sq.M	cu.m	5032.00
05031A3	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (A) BEAMS :(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	4491.00
05031B1	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (B) COLUMNS: (i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	6736.00
05031B2	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (B) COLUMNS: (ii) Having cross-sectional area more than 0.08 Sq.M and upto 0.18 Sq.M	cu.m	6026.00
05031B3	0	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (B) COLUMNS: (iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	5193.00
05032A1	0	Providing and laying ordinary cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	6553.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
05032A2	0	Providing and laying controlled cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(ii) Having cross-sectional area more than 0.08Sq.M and upto 0.12 Sq.M	cu.m	5899.00
05032A3	0	Providing and laying controlled cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	5133.00
05032B1	0	Providing and laying controlled cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	7832.00
05032B2	0	Providing and laying controlled cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in(B) COLUMNS:(ii) Having cross-sectional area more than 0.08 Sq.M and upto 0.18 Sq.M	cu.m	6930.00
05032B3	0	Providing and laying controlled cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in(B) COLUMNS:(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	5873.00
05033A1	0	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in(A) BEAMS :(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	6936.00
05033A2	0	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(ii) Having cross-sectional area more than 0.08Sq.M and upto 0.12 Sq.M	cu.m	6282.00
05033A3	0	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	5517.00
05033B1	0	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	8216.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
05033B2	0	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(ii) Having cross-sectional area more than 0.08 Sq.M and upto 0.18 Sq.M	cu.m	7313.00
05033B3	0	Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	6256.00
05034A1	0	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	7131.00
05034A2	0	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(ii) Having cross-sectional area more than 0.08Sq.M and upto 0.12 Sq.M	cu.m	6477.00
05034A3	0	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	5711.00
05034B1	0	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(i) Having cross-sectional area 0.05 to 0.08 Sq.M	cu.m	8410.00
05034B2	0	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(ii) Having cross-sectional area more than 0.08 Sq.M and upto 0.18 Sq.M	cu.m	7508.00
05034B3	0	Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS: (iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M	cu.m	6451.00
5035	0	Providing and applying anticorrosive treatment with polymer base materials to the steel reinforcement including descaling the dust and applying the preventive coating of approved make (for the R.C.C. structures near coastal area only) etc complete.	MT	2429.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
5047		Providing and fixing in expansion joint 100 mm thick SIL FLEX (Capcell HD 100) expansion joint board of best quality and approved make including cutting to required size and shape at all levels etc. complete as directed.	Sqm	3485.00
5048		Providing and laying and fixing 50 mm thick expansion joint by hydro cell semi rigid UV resistance with high performance laminated closed cell polythene foam joint filler in sheet foam as directed, etc. complete.	Sqm	1742.00
5049		Providing and laying and fixing 25 mm thick expansion joint by hydro cell semi rigid UV resistance with high performance laminated closed cell polythene foam joint filler in sheet foam as directed, etc. complete.	Sqm	871.00
5050		Applying and providing Expansion joint sealing System on 100 mm wide joint including cleaning of expansion joint by mechanical means provision of adhesive and flexible membrane with required bond length as per manufacturer specification and 4mm thick aluminium strip covering with one side slotted and bolted with suitable system, inclusive of all manpower, machinery and material as per specification and as directed.	Sqm	5575.00
5051		Providing and filling the expansion joint by Thioflex 600 polymer or equivalent confirm to BS 4254-1983 as per required shade and manufactured specification by making groove of 50 mm x 12.5 mm lather by cutting or by repairing groove and removing mortar drop or any other foreign materials including applying primer and filling required size (oversize of joint PU foam etc. complete.	Sqm	602.00
5052		Providing and filling the expansion joint by Thioflex 600 polymer or equivalent confirm to BS 4254-1983 as per required shade and manufactured specification by making groove of 25 mm x 12.5 mm lather by cutting or by repairing groove and removing mortar drop or any other foreign materials including applying primer and filling required size (oversize of joint PU foam etc. complete.	Sqm	320.00
5053		Providing and fixing 25 cm Wide & 3mm thick exterior composite panel on existing expansion joint horizontally & vertically with all material, hardware, accessories & fittings etc completed.	Sqm	1232.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
5054		Providing and laying in position Ready Mixed M-150 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 320 kg)	cu.m	3363.00
5055		Providing and laying in position Ready Mixed M-200 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 400 kg)	cu.m	4313.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
5056		Providing and laying in position Ready Mixed M-250 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 450 kg)	cu.m	4510.00
5057		Providing and laying in position Ready Mixed M-300 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 475 kg)	cu.m	4660.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
5058		Providing and laying in position Ready Mixed M-350 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash(Min cement level as per latest IS 456 shall be maintained) (Cement level 500 kg)	cu.m	4809.00
5059		Providing and applying anti carbonation, anti fading, mold resistant, heat insulating, and 100% acrylic breathable decorative external waterproof coating of approved shade having Viscosity @ Room Temperature by Ford cup No. B-4 (dilute 2 parts of product with 1 part of water) 18 to 30 sec. pH of 7.00 to 10.00 and Sp. Gravity @ Room Temperature 1.30+0.1, tested for carbon dioxide diffusion resistance properties for coating materials and coating systems for exterior masonry and concrete as per DIN EN 1062-6 (2002-2010) by a NBA Grade "A" accredited institution.	Sqm	69.20
5060		Providing and fixing CAPCELL HD - 100 pre-moulded compressible filler board in black colour confirming to MoRT&H Specifications (Clause 1015), having minimum density 95kg/cum.metre, non-staining with less than 1% water absorption & compression recovery of 93% minimum as per specification for 12 mm wide expansion joint including cutting to required size and shape at all levels etc. complete as directed.	Sqm	520.00
5061		Providing and fixing CAPCELL HD - 100 pre-moulded compressible filler board in black colour confirming to MoRT&H Specifications (Clause 1015), having minimum density 95kg/cum.metre, non-staining with less than 1% water absorption & compression recovery of 93% minimum as per specification for 20 mm wide expansion joint including cutting to required size and shape at all levels etc. complete as directed.	Sqm	767.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
5062		Providing and fixing CAPCELL HD - 100 pre-moulded compressible filler board in black colour confirming to MoRT&H Specifications (Clause 1015), having minimum density 95kg/cum.metre, non-staining with less than 1% water absorption & compression recovery of 93% minimum as per specification for 40 mm wide expansion joint including cutting to required size and shape at all levels etc. complete as directed.	Sqm	1383.00
5063		Providing and applying the elastomeric joint sealant two component, high performance polysulfide formulation conforming to BS:4254 and ASTM C 920 having weathering resistance to ultra-violet rays and shall exhibit shore A hardness of 25 and have movement accommodation factor 25% including using of compatible primer of approved standard etc. complete. for 12 mm thick joint	Rmt	155.00
5064		Providing and applying the elastomeric joint sealant two component, high performance polysulfide formulation conforming to BS:4254 and ASTM C 920 having weathering resistance to ultra-violet rays and shall exhibit shore A hardness of 25 and have movement accommodation factor 25% including using of compatible primer of approved standard etc. complete. For 20 mm thick joint	Rmt	237.00

CHAPTER- 6 BRICK WORK

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
06001A	6.12	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:5. (1- Cement : 5 -fine sand)(A) Modular (upto 10 ton)	cu.m	3057.00
06001AA	6.12	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:5. (1- Cement : 5 -fine sand)(A) Modular (more than 10 ton)	cu.m	2850.00
06001B	6.12	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:5. (1- Cement : 5 -fine sand)(B) Conventional (upto 10 ton)	cu.m	2872.00
06001BA	6.12	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:5. (1- Cement : 5 -fine sand)(B) Conventional (more than 10 ton)	cu.m	2613.00
06001C	6.12	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:5. (1- Cement : 5 -fine sand)(C) Fly Ash Bricks (upto 10 ton)	cu.m	3242.00
06001CA	6.12	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:5. (1- Cement : 5 -fine sand)(C) Fly Ash Bricks (more than 10 ton)	cu.m	2928.00
06002A	6.13	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(A) Modular (upto 10 ton)	cu.m	2925.00
06002AA	6.13	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(A) Modular (more than 10 ton)	cu.m	2738.00
06002B	6.13	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(B) Conventional (upto 10 ton)	cu.m	2794.00
06002BA	6.13	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(B) Conventional (more than 10 ton)	cu.m	2549.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
06002C	6.13	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(C) Fly Ash Bricks (upto 10 ton)	cu.m	3165.00
06002CA	6.13	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(C) Fly Ash Bricks (more than 10 ton)	cu.m	2864.00
06003A	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:8 (1- Cement : 8 -fine sand)(A) Modular (upto 10 ton)	cu.m	2865.00
06003AA	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:8 (1- Cement : 8 -fine sand)(A) Modular (more than 10 ton)	cu.m	2689.00
06003B	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:8 (1- Cement : 8 -fine sand)(B) Conventional (upto 10 ton)	cu.m	2726.00
06003BA	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:8 (1- Cement : 8 -fine sand)(B) Conventional (more than 10 ton)	cu.m	2492.00
06003C	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:8 (1- Cement : 8 -fine sand)(C) Fly Ash Bricks (upto 10 ton)	cu.m	3097.00
06003CA	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:8 (1- Cement : 8 -fine sand)(C) Fly Ash Bricks (more than 10 ton)	cu.m	2807.00
06004A	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1:1.5 (1- Lime putty :1.5 -fine sand)(A) Modular (upto 10 ton)	cu.m	2819.00
06004AA	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1:1.5 (1- Lime putty :1.5 -fine sand)(A) Modular (more than 10 ton)	cu.m	2673.00
06004B	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1:1.5 (1- Lime putty :1.5 -fine sand)(B) Conventional (upto 10 ton)	cu.m	2674.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
06004BA	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1:1.5 (1- Lime putty :1.5 -fine sand)(B) Conventional (more than 10 ton)	cu.m	2474.00
06004C	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1:1.5 (1- Lime putty :1.5 -fine sand)(C) Fly Ash Bricks (upto 10 ton)	cu.m	3044.00
06004CA	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1:1.5 (1- Lime putty :1.5 -fine sand)(C) Fly Ash Bricks (more than 10 ton)	cu.m	2790.00
06005A	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1: 2 (1- Lime putty : 2 -fine sand)(A) Modular (upto 10 ton)	cu.m	2794.00
06005AA	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1: 2 (1- Lime putty : 2 -fine sand)(A) Modular (more than 10 ton)	cu.m	2652.00
06005B	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1: 2 (1- Lime putty : 2 -fine sand)(B) Conventional (upto 10 ton)	cu.m	2645.00
06005BA	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1: 2 (1- Lime putty : 2 -fine sand)(B) Conventional (more than 10 ton)	cu.m	2450.00
06005C	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1: 2 (1- Lime putty : 2 -fine sand)(C) Fly Ash Bricks (upto 10 ton)	cu.m	3016.00
06005CA	0	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1: 2 (1- Lime putty : 2 -fine sand)(C) Fly Ash Bricks (more than 10 ton)	cu.m	2765.00
06006A	6.19	Extra for brick work in superstructure above plinth level upto floor two level (A) Modular	cu.m	154.00
06006B	6.19	Extra for brick work in superstructure above plinth level upto floor two level (B) Conventional	cu.m	161.00
06006C	6.19	Extra for brick work in superstructure above plinth level upto floor two level(C) Fly Ash Bricks	cu.m	161.00
06007A1	6.2	Extra for brick work in superstructure above floor two level Item No. 1(6.12) (A) Modular (upto 10 ton)	per floor per cu.m	33.20

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
06007A1 A	6.2	Extra for brick work in superstructure above floor two level Item No. 1(6.12) (A) Modular (more than 10 ton)	per floor per cu.m	33.40
06007A2	6.2	Extra for brick work in superstructure above floor two level Item No. 1(6.12) (B) Conventional (upto 10 ton)	per floor per cu.m	31.10
06007A2 A	6.2	Extra for brick work in superstructure above floor two level Item No. 1(6.12) (B) Conventional (more than 10 ton)	per floor per cu.m	26.10
06007A3	6.2	Extra for brick work in superstructure above floor two level Item No. 1(6.12) (C) Fly Ash Bricks (upto 10 ton)	per floor per cu.m	34.80
06007A3 A	6.2	Extra for brick work in superstructure above floor two level Item No. 1(6.12) (C) Fly Ash Bricks (more than 10 ton)	per floor per cu.m	35.00
06007B1	6.2	Extra for brick work in superstructure above floor two level Item No. 2(6.13) (A) Modular (upto 10 ton)	per floor per cu.m	32.60
06007B1 A	6.2	Extra for brick work in superstructure above floor two level Item No. 2(6.13) (A) Modular (more than 10 ton)	per floor per cu.m	32.70
06007B2	6.2	Extra for brick work in superstructure above floor two level Item No. 2(6.13) (B) Conventional (upto 10 ton)	per floor per cu.m	30.30
06007B2 A	6.2	Extra for brick work in superstructure above floor two level Item No. 2(6.13) (B) Conventional (more than 10 ton)	per floor per cu.m	30.40
06007B3	6.2	Extra for brick work in superstructure above floor two level Item No. 2(6.13) (C) Fly Ash Bricks (upto 10 ton)	per floor per cu.m	34.10
06007B3 A	6.2	Extra for brick work in superstructure above floor two level Item No. 2(6.13) (C) Fly Ash Bricks (more than 10 ton)	per floor per cu.m	34.20
06007C1	6.2	Extra for brick work in superstructure above floor two level Item No. 3 (A) Modular (upto 10 ton)	per floor per cu.m	32.00
06007C1 A	6.2	Extra for brick work in superstructure above floor two level Item No. 3 (A) Modular (more than 10 ton)	per floor per cu.m	32.10

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
06007C2	6.2	Extra for brick work in superstructure above floor two level Item No. 3 (B) Conventional (upto 10 ton)	per floor per cu.m	29.60
06007C2 A	6.2	Extra for brick work in superstructure above floor two level Item No. 3 (B) Conventional (more than 10 ton)	per floor per cu.m	29.80
06007C3	6.2	Extra for brick work in superstructure above floor two level Item No. 3 (C) Fly Ash Bricks (upto 10 ton)	per floor per cu.m	33.40
06007C3 A	6.2	Extra for brick work in superstructure above floor two level Item No. 3 (C) Fly Ash Bricks (more than 10 ton)	per floor per cu.m	33.50
06007D1	6.2	Extra for brick work in superstructure above floor two level Item No. 4 (A) Modular (upto 10 ton)	per floor per cu.m	31.80
06007D1 A	6.2	Extra for brick work in superstructure above floor two level Item No. 4 (A) Modular (more than 10 ton)	per floor per cu.m	31.90
06007D2	6.2	Extra for brick work in superstructure above floor two level Item No. 4 (B) Coventional (upto 10 ton)	per floor per cu.m	29.40
06007D2 A	6.2	Extra for brick work in superstructure above floor two level Item No. 4 (B) Coventional (more than 10 ton)	per floor per cu.m	29.60
06007D3	6.2	Extra for brick work in superstructure above floor two level Item No. 4 (C) Fly Ash Bricks (upto 10 ton)	per floor per cu.m	33.20
06007D3 A	6.2	Extra for brick work in superstructure above floor two level Item No. 4 (C) Fly Ash Bricks (more than 10 ton)	per floor per cu.m	33.30
06007E1	6.2	Extra for brick work in superstructure above floor two level Item No. 5 (A) Modular (upto 10 ton)	per floor per cu.m	31.50
06007E1 A	6.2	Extra for brick work in superstructure above floor two level Item No. 5 (A) Modular (more than 10 ton)	per floor per cu.m	31.70
06008A1	6.3	(i) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1- Cement : 4 -coarse sand) in foundation and plinth (A) Modular (upto 10 ton)	Sqm	369.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
06008A1 A	6.3	(i) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1- Cement : 4 -coarse sand) in foundation and plinth (A) Modular (more than 10 ton)	Sqm	362.00
06008A2	6.3	(i) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1- Cement : 4 -coarse sand) in foundation and plinth (B) Conventional (upto 10 ton)	Sqm	385.00
06008A2 A	6.3	(i) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1- Cement : 4 -coarse sand) in foundation and plinth (B) Conventional (more than 10 ton)	Sqm	368.00
06008A3	6.3	(i) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1- Cement : 4 -coarse sand) in foundation and plinth (C)Fly Ash Bricks (upto 10 ton)	Sqm	429.00
06008A3 A	6.3	(i) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1- Cement : 4 -coarse sand) in foundation and plinth (C)Fly Ash Bricks (more than 10 ton)	Sqm	405.00
06008B1	6.3	(ii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:5 (1- Cement : 5 -coarse sand) in foundation and plinth (A) Modular (upto 10 ton)	Sqm	360.00
06008B1 A	6.3	(ii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:5 (1- Cement : 5 -coarse sand) in foundation and plinth (A) Modular (more than 10 ton)	Sqm	355.00
06008B2	6.3	(ii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:5 (1- Cement : 5 -coarse sand) in foundation and plinth (B) Conventional (upto 10 ton)	Sqm	375.00
06008B2 A	6.3	(ii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:5 (1- Cement : 5 -coarse sand) in foundation and plinth (B) Conventional (more than 10 ton)	Sqm	360.00
06008B3	6.3	(ii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:5 (1- Cement : 5 -coarse sand) in foundation and plinth (C)Fly Ash Bricks (upto 10 ton)	Sqm	419.00
06008B3 A	6.3	(ii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:5 (1- Cement : 5 -coarse sand) in foundation and plinth (C)Fly Ash Bricks (more than 10 ton)	Sqm	397.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
06008C1	6.3	(iii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Lime mortar 1:1.5 (1- Lime : 1.5 -coarse sand) in foundation and plinth (A) Modular (upto 10 ton)	Sqm	339.00
06008C1 A	6.3	(iii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Lime mortar 1:1.5 (1- Lime : 1.5 -coarse sand) in foundation and plinth (A) Modular (more than 10 ton)	Sqm	340.00
06008C2	6.3	(iii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Lime mortar 1:1.5 (1- Lime : 1.5 -coarse sand) in foundation and plinth (B) Conventional (upto 10 ton)	Sqm	352.00
06008C2 A	6.3	(iii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Lime mortar 1:1.5 (1- Lime : 1.5 -coarse sand) in foundation and plinth (B) Conventional (more than 10 ton)	Sqm	344.00
06008C3	6.3	(iii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Lime mortar 1:1.5 (1- Lime : 1.5 -coarse sand) in foundation and plinth (C)Fly Ash Bricks (upto 10 ton)	Sqm	396.00
06008C3 A	6.3	(iii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Lime mortar 1:1.5 (1- Lime : 1.5 -coarse sand) in foundation and plinth (C)Fly Ash Bricks (more than 10 ton)	Sqm	381.00
06008E2	6.2	Extra for brick work in superstructure above floor two level Item No. 5 (B) Coventional (upto 10 ton)	cu.m	28.70
06008E2 A	6.2	Extra for brick work in superstructure above floor two level Item No. 5 (B) Coventional (more than 10 ton)	cu.m	26.10
06009A	6.31	Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 (1-Cement : 3-coarse sand) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (A) Modular (upto 10 ton)	Sqm	420.00
06009AA	6.31	Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 (1-Cement : 3-coarse sand) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (A) Modular (more than 10 ton)	Sqm	401.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
06009B	6.31	Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 (1-Cement : 3-coarse sand) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (B) Conventional (upto 10 ton)	Sqm	438.00
06009BA	6.31	Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 (1-Cement : 3-coarse sand) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (B) Conventional (more than 10 ton)	Sqm	409.00
06009C	6.31	Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 (1-Cement : 3-coarse sand) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (C)Fly Ash Bricks (upto 10 ton)	Sqm	482.00
06009CA	6.31	Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 (1-Cement : 3-coarse sand) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (C)Fly Ash Bricks (more than 10 ton)	Sqm	446.00
06009E3	6.2	Extra for brick work in superstructure above floor two level Item No. 5 (C) Fly Ash Bricks (upto 10 ton)	cu.m	30.10
06009E3 A	6.2	Extra for brick work in superstructure above floor two level Item No. 5 (C) Fly Ash Bricks (more than 10 ton)	cu.m	27.60
06010A	6.32	Extra for half brick masonry in superstructure above plinth level upto floor two level. (A) Modular	Sqm	28.40
06010B	6.32	Extra for half brick masonry in superstructure above plinth level upto floor two level. (B) Conventional	Sqm	31.10
06010C	6.32	Extra for half brick masonry in superstructure above plinth level upto floor two level. (C)Fly Ash Bricks	Sqm	31.10
06011A	6.33	Extra for half brick masonry in superstructure above floor two level. (A) Modular (upto 10 ton)	Sqm	4.30
06011AA	6.33	Extra for half brick masonry in superstructure above floor two level. (A) Modular (more than 10 ton)	Sqm	4.30
06011B	6.33	Extra for half brick masonry in superstructure above floor two level.(B) Conventional (upto 10 ton)	Sqm	4.40
06011BA	6.33	Extra for half brick masonry in superstructure above floor two level.(B) Conventional (more than 10 ton)	Sqm	4.40
06011C	6.33	Extra for half brick masonry in superstructure above floor two level. (C) Fly Ash Bricks (upto 10 ton)	Sqm	4.80
06011CA	6.33	Extra for half brick masonry in superstructure above floor two level. (C) Fly Ash Bricks (more than 10 ton)	Sqm	4.90

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
06012A	6.55	Half brick thick honey- comb brick work with common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. (i) In Cement Mortar 1:4 (1- Cement : 4 - coarse sand) (upto 10 ton)	Sqm	210.00
06012AA	6.55	Half brick thick honey- comb brick work with common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. (i) In Cement Mortar 1:4 (1- Cement : 4 - coarse sand) (more than 10 ton)	Sqm	193.00
06012B	6.55	Half brick thick honey- comb brick work with common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. (ii) In Cement Mortar 1:5 (1- Cement : 5 - coarse sand) (upto 10 ton)	Sqm	204.00
06012BA	6.55	Half brick thick honey- comb brick work with common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. (ii) In Cement Mortar 1:5 (1- Cement : 5 - coarse sand) (more than 10 ton)	Sqm	188.00
06012C	6.55	Half brick thick honey- comb brick work with common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. (iii) Fly Ash Brick In Cement Mortar 1:5 (1-Cement : 5 - coarse sand) (upto 10 ton)	Sqm	229.00
06012CA	6.55	Half brick thick honey- comb brick work with common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. (iii) Fly Ash Brick In Cement Mortar 1:5 (1-Cement : 5 - coarse sand) (more than 10 ton)	Sqm	210.00
6014		Masonry work using Aerated light weight concrete block having crushing strength not less than 35 kg/sqcm for super structure above plinth level upto floor two level in cement mortar 1:5 (1 cement : 5 fine sand) complete as per Technical Specification	cu.m	4700.00
6015		Providing and laying Precast Lightweight concrete hollow core wall with hollow core concrete unit of approved make & size of 92 mm thick, 600 mm wide and 2400 mm / 2600 mm / 2850 mm / 3000 mm / 3300 mm in legth made from of controlled cement concrete M20 having cube compressive strength not less than 20 MPa jointing with high strength & tensile adhesion non-shrink cementitious joint compound / P.U. Foam. (Plaster not required)	Sqm	747.00
6016		Providing and laying Precast Lightweight concrete hollow core wall with hollow core concrete unit of approved make & size of 120 mm thick, 600 mm wide and 2400 mm / 2600 mm / 2850 mm / 3000 mm / 3300 mm in legth made from of controlled cement concrete M20 having cube compressive strength not less than 20 MPa jointing with high strength & tensile adhesion non-shrink cementitious joint compound / P.U. Foam. (Plaster not required)	Sqm	842.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
6017		Providing and laying Precast Regular concrete hollow core wall with hollow core concrete unit of approved make & size of 92 mm thick, 600 mm wide and 2400 mm / 2600 mm / 2850 mm / 3000 mm / 3300 mm in length made from of controlled cement concrete M35 having cube compressive strength not less than 35 MPa jointing with high strength & tensile adhesion non-shrink cementitious joint compound / P.U. Foam. (Plaster not required)	Sqm	777.00
6018		Providing and laying Precast Regular concrete hollow core wall with hollow core concrete unit of approved make & size of 120 mm thick, 600 mm wide and 2400 mm / 2600 mm / 2850 mm / 3000 mm / 3300 mm in length made from of controlled cement concrete M35 having cube compressive strength not less than 35 MPa jointing with high strength & tensile adhesion non-shrink cementitious joint compound / P.U. Foam. (Plaster not required)	Sqm	875.00

CHAPTER- 7 STONE MASONRY

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
07001A	7.6	(i) Uncoursed Rubble Masonry with hard stone of approved quality in foundations and plinth in Cement Mortar 1:6 (1-cement : 6-coarse sand including levelling up etc. complete (upto 10 ton)	cu.m	1574.00
07001AA	7.6	(i) Uncoursed Rubble Masonry with hard stone of approved quality in foundations and plinth in Cement Mortar 1:6 (1-cement : 6-coarse sand including levelling up etc. complete (more than 10 ton)	cu.m	1912.00
07001B	7.6	(ii) Uncoursed Rubble Masonry with hard stone of approved quality in foundations and plinth in Cement Mortar 1:5 (1-cement : 5-coarse sand including levelling up etc. complete (upto 10 ton)	cu.m	1681.00
07001BA	7.6	(ii) Uncoursed Rubble Masonry with hard stone of approved quality in foundations and plinth in Cement Mortar 1:5 (1-cement : 5-coarse sand including levelling up etc. complete (more than 10 ton)	cu.m	1999.00
07001C	7.6	(iii) Uncoursed Rubble Masonry with hard stone of approved quality in foundations and plinth in Lime Mortar 1:1.5 (1-Lime : 1.5-coarse sand including levelling up etc. complete (upto 10 ton)	cu.m	1408.00
07001CA	7.6	(iii) Uncoursed Rubble Masonry with hard stone of approved quality in foundations and plinth in Lime Mortar 1:1.5 (1-Lime : 1.5-coarse sand including levelling up etc. complete (more than 10 ton)	cu.m	1810.00
7002	7.8	Extra over Item 7.6 for super structure above plinth level upto floor two level	cu.m	214.00
7003	7.9	Extra for additional lift in superstructure above floor two level. (upto 10 ton)	cu.m	23.20
07003A	7.9	Extra for additional lift in superstructure above floor two level. (more than 10 ton)	cu.m	19.10
7004	7.17 A	Coursed rubble masonry with hard stone of approved quality in foundations and plinth in Cement Mortar 1:6 (1-Cement : 6-coarse sand) etc. complete. (upto 10 ton)	cu.m	1820.00
07004A	7.17 A	Coursed rubble masonry with hard stone of approved quality in foundations and plinth in Cement Mortar 1:6 (1-Cement : 6-coarse sand) etc. complete. (more than 10 ton)	cu.m	2302.00
07005A	7.17 B	Coursed rubble masonry with stone of approved quality in foundations and plinth in Cement Mortar 1:5 (1-Cement : 5-coarse sand) etc. complete. (upto 10 ton)	cu.m	1917.00
07005AA	7.17 B	Coursed rubble masonry with stone of approved quality in foundations and plinth in Cement Mortar 1:5 (1-Cement : 5-coarse sand) etc. complete. (more than 10 ton)	cu.m	2381.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
07005B	7.17 C	Coursed rubble masonry with stone of approved quality in foundations and plinth in Cement Mortar 1:4 (1-Cement : 4-coarse sand) etc. complete. (upto 10 ton)	cu.m	2023.00
07005BA	7.17 C	Coursed rubble masonry with stone of approved quality in foundations and plinth in Cement Mortar 1:4 (1-Cement : 4-coarse sand) etc. complete. (more than 10 ton)	cu.m	2469.00
07005C	7.17 D	Coursed rubble masonry with stone of approved quality in foundations and plinth in Cement Mortar 1:3 (1-Cement : 3-coarse sand) etc. complete. (upto 10 ton)	cu.m	2221.00
07005CA	7.17 D	Coursed rubble masonry with stone of approved quality in foundations and plinth in Cement Mortar 1:3 (1-Cement : 3-coarse sand) etc. complete. (more than 10 ton)	cu.m	2632.00
7006	7.19	Extra over item No. 7.17 for superstructure above plinth level upto floor two level	Per floor per cu.m	200.00
7007	7.2	Extra for additional lift in superstructure above floor two level. (upto 10 ton)	Per floor per cu.m	31.50
07007A	7.2	Extra for additional lift in superstructure above floor two level. (more than 10 ton)	Per floor per cu.m	26.10
7008	0	White Stone Bela mesonry block in course in superstructure with stone of approved quality in Lime Mortar 1:1.5 (1-Lime putty : 1.5- finesand) including packing the joints etc. complete. (upto 10 ton)	cu.m	2517.00
07008A	0	White Stone Bela mesonry block in course in superstructure with stone of approved quality in Lime Mortar 1:1.5 (1-Lime putty : 1.5- finesand) including packing the joints etc. complete. (more than 10 ton)	cu.m	3182.00
7009	0	White Stone Bela mesonry work in partition walls upto 15 cm thickness in cement Mortar 1:4 (1- Cement : 4-course sand) (upto 10 ton)	Sqm	360.00
07009A	0	White Stone Bela mesonry work in partition walls upto 15 cm thickness in cement Mortar 1:4 (1- Cement : 4-course sand) (more than 10 ton)	Sqm	422.00
7010	0	White Stone Bela mesonry block in course in superstructure with stone of approved quality in Lime Mortar 1:5 (1-Cement :5- course sand) including packing the joints etc. complete. (upto 10 ton)	cu.m	3218.00
07010A	0	White Stone Bela mesonry block in course in superstructure with stone of approved quality in Lime Mortar 1:5 (1-Cement :5- course sand) including packing the joints etc. complete. (more than 10 ton)	cu.m	3851.00
7011	0	White Stone Bela mesonry block in course in superstructure with stone of approved quality in Lime Mortar 1:6 (1-Cement : 6- course sand) including packing the joints etc. complete. (upto 10 ton)	cu.m	3151.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
07011A	0	White Stone Bela mesonry block in course in superstructure with stone of approved quality in Lime Mortar 1:6 (1-Cement : 6- course sand) including packing the joints etc. complete. (more than 10 ton)	cu.m	3795.00
7012	7.75	Precast concrete block masonry (including quoin blocks jamb blocks closer etc.) with solid concrete blocks of approved size made of cement concrete 1:3:6 mix (1-Cement : 3 coarse sand: 6- graded stone aggregates of 20 mm and down grade) in foundation and plinth cement mortar 1:6 (upto 10 ton)	cu.m	2662.00
07012A	7.75	Precast concrete block masonry (including quoin blocks jamb blocks closer etc.) with solid concrete blocks of approved size made of cement concrete 1:3:6 mix (1-Cement : 3 coarse sand: 6- graded stone aggregates of 20 mm and down grade) in foundation and plinth cement mortar 1:6 (more than 10 ton)	cu.m	2471.00
7013	7.93	Extra for masonry work with precast concrete block in superstructue above plinth upto floor two level.	cu.m	161.00
7014	7.82	Precast concrete block masonry in partition walls 10 cm. thick with solid block of approved size (including quion blocks Jamb blocks closer etc.) made of C.C.1:3:6 (1-Cement : 3- coarse sand : 6 graded stone aggregates 20 mm and down grade) (A) in C.M. 1:4. (upto 10 ton)	Sqm	513.00
07014A	7.82	Precast concrete block masonry in partition walls 10 cm. thick with solid block of approved size (including quion blocks Jamb blocks closer etc.) made of C.C.1:3:6 (1-Cement : 3- coarse sand : 6 graded stone aggregates 20 mm and down grade) (A) in C.M. 1:4. (more than 10 ton)	Sqm	466.00
7015	0	Providing and laying hollow block masonry 90 mm thick using hollow concrete blocks IS 2185 (Part-I) grade B (5.0) with Cement Mortar 1:4 laying in perfect line level and plinth preparing grading the joints incl. the cost of scaffolding and curing etc. (A) Block masonry in 1:1:8 cement lime mortar	Sqm	273.00
7016	0	Providing and laying hollow block masonry 140 mm thick using follow blocks masonry IS 2185 (Part-I) grade B (5.0) with Cement Mortar 1:4 laying in parfect line level and plint propering groding the jaints ind. the cast of seaffolding and quiring etc . (A) Block masonry in 1:1:8 cement lime mortar	Sqm	341.00
7017	0	Providing and laying hollow block masonry 190 mm thick using follow blocks masonry IS 2185 (Part-I) grade B (5.0) with Cement Mortar 1:4 laying in perfect line level and plint propering groding the jaints ind. the cast of seaffolding and quiring etc (A) Block masonry in 1:1:8 cement lime mortar	Sqm	391.00

CHAPTER- 9 FORM WORK

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
09001A	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (A) Foundations Footings Bases of Columns etc. and Mass concrete. (upto 10 ton)	Sqm	108.00
09001AA	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (A) Foundations Footings Bases of Columns etc. and Mass concrete. (more than 10 ton)	Sqm	
09001B1	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (B) Flat surfaces such as soffits of supspened floors slabs Landings and the like. (1) Floors etc. upto 200 mm in thickness. (upto 10 ton)	Sqm	158.00
09001B1 A	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (B) Flat surfaces such as soffits of supspened floors slabs Landings and the like. (1) Floors etc. upto 200 mm in thickness. (more than 10 ton)	Sqm	
09001B2	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (B) Flat surfaces such as soffits of suspended floor roof slabs Landings and the like. (2) Floors etc. above 200mm in thickness. (upto 10 ton)	Sqm	171.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
09001B2 A	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (B) Flat surfaces such as soffits of suspended floor roof slabs Landings and the like. (2) Floors etc. above 200mm in thickness. (more than 10 ton)	Sqm	
09001C	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (C) Vertical surface such as walls (any thickness) partitions and the like including attached buttresses & string course & the like. (upto 10 ton)	Sqm	148.00
09001CA	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (C) Vertical surface such as walls (any thickness) partitions and the like including attached buttresses & string course & the like. (more than 10 ton)	Sqm	
09001G1	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (G) Columns PillarsPosts and struts. (1) Square Rectangular Polygonal in plan. (upto 10 ton)	Sqm	189.00
09001G1 A	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (G) Columns PillarsPosts and struts. (1) Square Rectangular Polygonal in plan. (more than 10 ton)	Sqm	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
09001G2	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (G) Columns PillarsPosts and struts. (2)Circular or curved in Plan. (upto 10 ton)	Sqm	244.00
09001G2 A	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (G) Columns PillarsPosts and struts. (2)Circular or curved in Plan. (more than 10 ton)	Sqm	
09001H1	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (H) (1) Sides and soffits of Beams Beam Haunchings cantilevers Girders Bressumers and Lintels not exceeding 1 M. in Depth. (upto 10 ton)	Sqm	123.00
09001H1 A	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (H) (1) Sides and soffits of Beams Beam Haunchings cantilevers Girders Bressumers and Lintels not exceeding 1 M. in Depth. (more than 10 ton)	Sqm	
09001H2	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (H) (2) Sides and soffits of Beams Beam Haunchings canti-levers Girders Bressumers and Lintels exceeding 1M.in Depth. (upto 10 ton)	Sqm	164.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
09001H2A	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (H) (2) Sides and soffits of Beams Beam Haunchings canti-levers Girders Bressumers and Lintels exceeding 1M.in Depth. (more than 10 ton)	Sqm	
09001I	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (I) Edges of slabs and Breaks in floors and walls. (upto 10 ton)	Sqm	42.30
09001IA	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (I) Edges of slabs and Breaks in floors and walls. (more than 10 ton)	Sqm	
09001K	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (K) Small surfaceassuch as cantiever brackets and ends of steps caps and basses to pilasters and Columns and the like. (upto 10 ton)	Sqm	343.00
09001KA	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (K) Small surfaceassuch as cantiever brackets and ends of steps caps and basses to pilasters and Columns and the like. (more than 10 ton)	Sqm	
09001L	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (L) Chullah Hoods, weather shades Chhajjas Corbels etc. including edges. (upto 10 ton)	Sqm	108.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
09001LA	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (L) Chullah Hoods, weather shades Chhajjas Corbels etc. including edges. (more than 10 ton)	Sqm	
09001M	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (M) Staircase with sloping or stepped soffits including risers and stringers excluding landing. (upto 10 ton)	Sqm	153.00
09001MA	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (M) Staircase with sloping or stepped soffits including risers and stringers excluding landing. (more than 10 ton)	Sqm	
09001Q	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (Q) Vertical fins and vertical sun breakers. (upto 10 ton)	Sqm	242.00
09001QA	9.1	Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (Q) Vertical fins and vertical sun breakers. (more than 10 ton)	Sqm	
09002A	9.2	Extra for additional height of propping and centering where the height of propping and centering exceeds 4 .0 M between supporting floor to ceiling including temporary brick or stone pillars for supporting as required. (i)Height more than 4.0 M.and upto 5.0 M. (upto 10 ton)	Sqm	255.00
09002AA	9.2	Extra for additional height of propping and centering where the height of propping and centering exceeds 4 .0 M between supporting floor to ceiling including temporary brick or stone pillars for supporting as required. (i)Height more than 4.0 M.and upto 5.0 M. (more than 10 ton)	Sqm	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
09002B	9.2	Extra for additional height of propping and centering where the height of propping and centering exceeds 4 .0 M between supporting floor to ceiling including temporary brick or stone pillars for supporting as required. (ii) Height more than 5.0 M.and upto 6.0 M. (upto 10 ton)	Sqm	497.00
09002BA	9.2	Extra for additional height of propping and centering where the height of propping and centering exceeds 4 .0 M between supporting floor to ceiling including temporary brick or stone pillars for supporting as required. (ii) Height more than 5.0 M.and upto 6.0 M. (more than 10 ton)	Sqm	
09002C	9.2	Extra for additional height of propping and centering where the height of propping and centering exceeds 4 .0 M between supporting floor to ceiling including temporary brick or stone pillars for supporting as required. (iii) Height more than 6.0 M. and upto 7.0 M (upto 10 ton)	Sqm	358.00
09002CA	9.2	Extra for additional height of propping and centering where the height of propping and centering exceeds 4 .0 M between supporting floor to ceiling including temporary brick or stone pillars for supporting as required. (iii) Height more than 6.0 M. and upto 7.0 M (more than 10 ton)	Sqm	
09003A	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (A) Foundations, Footings, Bases of Columns etc. and Mass concrete (upto 10 ton)	Sqm	66.30
09003AA	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (A) Foundations, Footings, Bases of Columns etc. and Mass concrete (more than 10 ton)	Sqm	
09003B1	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (B)Flat surfaces such as soffits of slabs Landings and the like. (1) Floors etc. upto 200mm in thickness. (upto 10 ton)	Sqm	66.30
09003B1 A	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (B)Flat surfaces such as soffits of slabs Landings and the like. (1) Floors etc. upto 200mm in thickness. (more than 10 ton)	Sqm	
09003B2	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (B) Flat surfaces such as soffits of slabs Landings and the like. 2) Floors etc.above 200mm in thickness. (upto 10 ton)	Sqm	66.30
09003B2 A	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (B) Flat surfaces such as soffits of slabs Landings and the like. 2) Floors etc.above 200mm in thickness. (more than 10 ton)	Sqm	
09003C	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (C)Vertical surface such as walls (anythickness) partitions & lime including attached pilasters buttresses plinth & string course & like. (upto 10 ton)	Sqm	66.30

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
09003CA	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (C)Vertical surface such as walls (anythickness) partitions & lime including attached pilasters buttresses plinth & string course & like. (more than 10 ton)	Sqm	
09003G1	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (G) Columns, Pillars, Posts and struts. (1) Square, Rectangular or polygonal in plan. (upto 10 ton)	Sqm	66.30
09003G1 A	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (G) Columns, Pillars, Posts and struts. (1) Square, Rectangular or polygonal in plan. (more than 10 ton)	Sqm	
09003G2	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (G) Columns, Pillars, Posts and struts. (2) Circular or curved in plan (upto 10 ton)	Sqm	66.30
09003G2 A	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (G) Columns, Pillars, Posts and struts. (2) Circular or curved in plan (more than 10 ton)	Sqm	
09003H1	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (H)(1) Sides and soffits of Beams, Beam Haunchingscantilevers Girders, Bressumers and Lintels not exceeding 1 M. in Depth. (upto 10 ton)	Sqm	66.30
09003H1 A	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (H)(1) Sides and soffits of Beams, Beam Haunchingscantilevers Girders, Bressumers and Lintels not exceeding 1 M. in Depth. (more than 10 ton)	Sqm	
09003H2	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (H) (2) Sides and soffits of Beams, Beam Haunchings cantilevers Girders, Bressumers and Lintels exceeding 1 M. in Depth. (upto 10 ton)	Sqm	66.30
09003H2 A	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (H) (2) Sides and soffits of Beams, Beam Haunchings cantilevers Girders, Bressumers and Lintels exceeding 1 M. in Depth. (more than 10 ton)	Sqm	
09003I	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (I) Edges of slabs and Breaks in floors and walls. (upto 10 ton)	Sqm	66.30
09003IA	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (I) Edges of slabs and Breaks in floors and walls. (more than 10 ton)	Sqm	
09003K	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (K) Small surfaceas such as centilever endsnBrackets and end of steps caps and basses to pilasters and Columns including edges. (upto 10 ton)	Sqm	66.30

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
09003KA	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (K) Small surfaceas such as centilever endsnBrackets and end of steps caps and basses to pilasters and Columns including edges. (more than 10 ton)	Sqm	
09003L	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (L) Chullah Hoods weather Shades Chhajjas Corbels etc. and the like. (upto 10 ton)	Sqm	66.30
09003LA	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (L) Chullah Hoods weather Shades Chhajjas Corbels etc. and the like. (more than 10 ton)	Sqm	
09003M	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (M)Staircase with sloping or stepped soffits including sisers and stringers excluding landing. (upto 10 ton)	Sqm	66.30
09003MA	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (M)Staircase with sloping or stepped soffits including sisers and stringers excluding landing. (more than 10 ton)	Sqm	
09003Q	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (Q)Vertical fins and vertical sun breakers. (upto 10 ton)	Sqm	66.30
09003QA	9.7	Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (Q)Vertical fins and vertical sun breakers. (more than 10 ton)	Sqm	

CHAPTER- 10 WOOD WORK & JOINERY

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
10001	10.1	Providing wood work in frames of Doors, windows cleare story windows and othersimilar works wrought, framede and fixed in position. (A) Indian Teak Wood (upto 10 ton)	10 Cu.Dm.	690.00
10001A	10.1	Providing wood work in frames of Doors, windows cleare story windows and othersimilar works wrought, framede and fixed in position. (A) Indian Teak Wood (more than 10 ton)	10 Cu.Dm.	
10002	10.4	Providing wood work in Trusses, Purling, Rafter, Post,Post Plates, wall plates and the like wrought framed, hoisted and fixed in position (upto 10 ton)	Cu.Dm.	922.00
10002A	10.4	Providing wood work in Trusses, Purling, Rafter, Post,Post Plates, wall plates and the like wrought framed, hoisted and fixed in position (more than 10 ton)	Cu.Dm.	
10003	10.5	Providing wood work in frames of false- ceiling, partitions etc sawn and put up in position. (A) Indian Teak Wood (upto 10 ton)	Cu.Dm.	710.00
10003A	10.5	Providing wood work in frames of false- ceiling, partitions etc sawn and put up in position. (A) Indian Teak Wood (more than 10 ton)	Cu.Dm.	
10004A	10.12	Providing and fixing 35 mm thick shutters for Doors, windows and clear story windows including anodised alluminium butt hinges with necessary screws.(A) Indian Teak Wood (1) Fully Panelled (upto 10 ton)	Cu.Dm.	3077.00
10004AA	10.12	Providing and fixing 35 mm thick shutters for Doors, windows and clear story windows including anodised alluminium butt hinges with necessary screws.(A) Indian Teak Wood (1) Fully Panelled (more than 10 ton)	Cu.Dm.	
10004B	10.12	Providing and fixing 35 mm thick shutters for Doors, windows and clear story windows including anodised alluminium butt hinges with necessary screws. (A) Indian Teak Wood (ii) Fully Glazed. (upto 10 ton)	Sqm	2268.00
10004BA	10.12	Providing and fixing 35 mm thick shutters for Doors, windows and clear story windows including anodised alluminium butt hinges with necessary screws. (A) Indian Teak Wood (ii) Fully Glazed. (more than 10 ton)	Sqm	
10004C	10.12	Providing and fixing 35 mm thick shutters for Doors, windows and clear story windows including anodised alluminium butt hinges with necessary screws. (A) Indian Teak Wood(iii) Partly panelled and partly glazed. (upto 10 ton)	Sqm	2673.00
10004CA	10.12	Providing and fixing 35 mm thick shutters for Doors, windows and clear story windows including anodised alluminium butt hinges with necessary screws. (A) Indian Teak Wood(iii) Partly panelled and partly glazed. (more than 10 ton)	Sqm	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
10005A	10.13	Providing and fixing 35 mm thick shutters for Doors, windows and clearstory windows including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (i) Fully Panelled. (upto 10 ton)	Sqm	3012.00
10005AA	10.13	Providing and fixing 35 mm thick shutters for Doors, windows and clearstory windows including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (i) Fully Panelled. (more than 10 ton)	Sqm	
10005B	10.13	Providing and fixing 35 mm thick shutters for Doors, windows and clearstory windows including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (ii) Fully Glazed. (upto 10 ton)	Sqm	2203.00
10005BA	10.13	Providing and fixing 35 mm thick shutters for Doors, windows and clearstory windows including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (ii) Fully Glazed. (more than 10 ton)	Sqm	
10005C	10.13	Providing and fixing 35 mm thick shutters for Doors, windows and clearstory windows including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (iii) Partly panelled and partly glazed. (upto 10 ton)	Sqm	2608.00
10005CA	10.13	Providing and fixing 35 mm thick shutters for Doors, windows and clearstory windows including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (iii) Partly panelled and partly glazed. (more than 10 ton)	Sqm	
10006A	10.15	Providing and fixing 25 mm thick shutters for cupboards etc. including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood. (i) Fully Panelled. (upto 10 ton)	Sqm	2323.00
10006AA	10.15	Providing and fixing 25 mm thick shutters for cupboards etc. including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood. (i) Fully Panelled. (more than 10 ton)	Sqm	
10006B	10.15	Providing and fixing 25 mm thick shutters for cupboards etc. including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood. (ii) Fully Glazed. (upto 10 ton)	Sqm	1815.00
10006BA	10.15	Providing and fixing 25 mm thick shutters for cupboards etc. including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood. (ii) Fully Glazed. (more than 10 ton)	Sqm	
10006C	10.15	Providing and fixing 25 mm thick shutters for cupboards etc. including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood. (iii) Partly panelled and partly glazed. (upto 10 ton)	Sqm	2069.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
10006CA	10.15	Providing and fixing 25 mm thick shutters for cupboards etc. including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood. (iii) Partly panelled and partly glazed. (more than 10 ton)	Sqm	
10007A	10.16	Providing and fixing 25 mm thick shutters for cupboards etc. including black enamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (i) Fully Panelled. (upto 10 ton)	Sqm	2313.00
10007AA	10.16	Providing and fixing 25 mm thick shutters for cupboards etc. including black enamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (i) Fully Panelled. (more than 10 ton)	Sqm	
10007B	10.16	Providing and fixing 25 mm thick shutters for cupboards etc. including black enamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (ii) Fully Glazed. (upto 10 ton)	Sqm	1805.00
10007BA	10.16	Providing and fixing 25 mm thick shutters for cupboards etc. including black enamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (ii) Fully Glazed. (more than 10 ton)	Sqm	
10007C	10.16	Providing and fixing 25 mm thick shutters for cupboards etc. including black enamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (iii) Partly panelled and partly glazed. (upto 10 ton)	Sqm	2059.00
10007CA	10.16	Providing and fixing 25 mm thick shutters for cupboards etc. including black enamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (iii) Partly panelled and partly glazed. (more than 10 ton)	Sqm	
10008	0	Add extra for providing and fixing 40 mm thick shutters instead of 35 mm thick shutters. (upto 10 ton)	Sqm	238.00
10008A	0	Add extra for providing and fixing 40 mm thick shutters instead of 35 mm thick shutters. (more than 10 ton)	Sqm	
10009A	10.23	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (A) Plywood sheet panels. (upto 10 ton)	Sqm	2555.00
10009AA	10.23	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (A) Plywood sheet panels. (more than 10 ton)	Sqm	
10009B	10.23	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (B) Particle board panels (upto 10 ton)	Sqm	2561.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
10009BA	10.23	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (B) Particle board panels (more than 10 ton)	Sqm	
10009C	10.23	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (C) Hard board panels. (upto 10 ton)	Sqm	2524.00
10009CA	10.23	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (C) Hard board panels. (more than 10 ton)	Sqm	
10009D	10.23	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (D) Asbestos sheet panels. (upto 10 ton)	Sqm	2530.00
10009DA	10.23	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (D) Asbestos sheet panels. (more than 10 ton)	Sqm	
10010A	10.24	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws. (A) Plywood sheet panels. (upto 10 ton)	Sqm	2491.00
10010AA	10.24	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws. (A) Plywood sheet panels. (more than 10 ton)	Sqm	
10010B	10.24	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws. (B) Particle board panels (upto 10 ton)	Sqm	2498.00
10010BA	10.24	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws. (B) Particle board panels (more than 10 ton)	Sqm	
10010C	10.24	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws. (C) Hard board panels. (upto 10 ton)	Sqm	2461.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
10010CA	10.24	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws. (C) Hard board panels. (more than 10 ton)	Sqm	
10010D	10.24	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws . (D) Asbestos sheet panels. (upto 10 ton)	Sqm	2467.00
10010DA	10.24	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws . (D) Asbestos sheet panels. (more than 10 ton)	Sqm	
10011	10.3	Provoding and fixing flush door shutters, solid core construction with frame of first class hardwood with cross board and face veneer or plywood face panels, including anodised alluminium butt hinges with necessary screws. (B) Non-decorative type and block board core anodised alluminium butt hinges in flush door shutters (2) 35 mm thick.	Sqm	1706.00
10012	10.37	Extra for using bright finished M.S. piano hinges of (A) Nickel plated piano hinges.	Sqm	628.00
10013	10.39	Extra for providing vision panel not exceeding 0.1 Sq.M. in all types of flush doors. (A) Rectangular or Square.	Sqm	14.90
10014	10.5	Providing and fixing 30 mm wire gauge shutters using galvanised M.S. wire of I.S. gauge designation of 85 G. with wire of 0.56 mm dia,for Doors, windows and clearstory windows including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood. (upto 10 ton)	Sqm	1907.00
10014A	10.5	Providing and fixing 30 mm wire gauge shutters using galvanised M.S. wire of I.S. gauge designation of 85 G. with wire of 0.56 mm dia,for Doors, windows and clearstory windows including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood. (more than 10 ton)	Sqm	
10015	10.5	Providing and fixing 30 mm wire gauge shutters using galvanised M.S. wire of I.S. gauge designation of 85 G. with wire of 0.56 mm dia,for Doors, windows and clearstory windows including bright finished or/ and black enamelede M.S. butt hinges with necessary Mango wood or equivalent quality. (upto 10 ton)	Sqm	965.00
10015A	10.5	Providing and fixing 30 mm wire gauge shutters using galvanised M.S. wire of I.S. gauge designation of 85 G. with wire of 0.56 mm dia,for Doors, windows and clearstory windows including bright finished or/ and black enamelede M.S. butt hinges with necessary Mango wood or equivalent quality. (more than 10 ton)	Sqm	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
10016	10.5	Extra for providing and fixing galvanised M.S wire gauge of I.S. gauge designation 140 G,to 000 Rs. windows and cleastory windows with wire of dia 0.71 mm instead of I,S,gauge designation 85 G.with wire of dia.0.56 mm.	Sqm	34.10
10017	10.7	Providing and fixing 12 mm thick and 100mm wide pelmet of flat pressed 3 layer neneed particle board solid core with 25 mm diametre alluminium curtain Road and brackets including fixing with 25mm x 3mm M.S flat 10cm,long and plugs etc.complete.	Rmt	144.00
10018	10.8	Providing and fixing 40mm panelled, Glazed or panelled and glazed partitions fixed to frames with iron screws etc. complete with indian teak wood (Frames tobe paid separately) (upto 10 ton)	Sqm	2494.00
10018A	10.8	Providing and fixing 40mm panelled, Glazed or panelled and glazed partitions fixed to frames with iron screws etc. complete with indian teak wood (Frames tobe paid separately) (more than 10 ton)	Sqm	
10019	10.9	Providing and fixing Decorative plywood 4mm thick in partitions including fixing to frames with screws etc, complete with 50mm x 12mm teak wood beading (Frames tobe paid separately) (upto 10 ton)	Sqm	611.00
10019A	10.9	Providing and fixing Decorative plywood 4mm thick in partitions including fixing to frames with screws etc, complete with 50mm x 12mm teak wood beading (Frames tobe paid separately) (more than 10 ton)	Sqm	
10020	10.9	Providing and fixing plain asbestos cement sheet 6mm thick in partitions including fixing to fames with screws etc, complete with 50mm x 12mm Deodar wood beading (Frames tobe paid separately) (upto 10 ton)	Sqm	219.00
10020A	10.9	Providing and fixing plain asbestos cement sheet 6mm thick in partitions including fixing to fames with screws etc, complete with 50mm x 12mm Deodar wood beading (Frames tobe paid separately) (more than 10 ton)	Sqm	
10021	10.9	Providing and fixing in partitions 4mm thick medium hard board of approved quality including fixing to fames with screws etc, complete with 50mm x 12mm teak wood beading (Frames tobe paid separately) (upto 10 ton)	Sqm	336.00
10021A	10.9	Providing and fixing in partitions 4mm thick medium hard board of approved quality including fixing to fames with screws etc, complete with 50mm x 12mm teak wood beading (Frames tobe paid separately) (more than 10 ton)	Sqm	
10022	11	25 mm thick wooden shelves supported on 40 x 40mm x 6 mm T or L iron brackets fixed at suitable distances but not exceeding 75 cm. apart with Mango wood or equivalent quality. (upto 10 ton)	Sqm	1355.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
10022A	11	25 mm thick wooden shelves supported on 40 x 40mm x 6 mm T or L iron brackets fixed at suitable distances but not exceeding 75 cm. apart with Mango wood or equivalent quality. (more than 10 ton)	Sqm	
10023	11	40 mm thick wooden shelves supported on 40 x 40mm x 6 mm T or L iron brackets fixed at suitable distances not exceeding 75 cm. apart with Mango wood or equivalent quality. (upto 10 ton)	Sqm	1805.00
10023A	11	40 mm thick wooden shelves supported on 40 x 40mm x 6 mm T or L iron brackets fixed at suitable distances not exceeding 75 cm. apart with Mango wood or equivalent quality. (more than 10 ton)	Sqm	
10024	11	Providing and fixing M.S. round or square bars with M.S.flats at required spacing in wooden frames of windows and clerestory windows. (upto 10 ton)	kg	48.30
10024A	11	Providing and fixing M.S. round or square bars with M.S.flats at required spacing in wooden frames of windows and clerestory windows. (more than 10 ton)	kg	
10025A	10.1	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws (A) Plain Grill. (upto 10 ton)	kg	65.40
10025AA	10.1	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws (A) Plain Grill. (more than 10 ton)	kg	
10025B	10.1	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws. (B) ORNAMENTAL GRILL (upto 10 ton)	kg	97.60
10025BA	10.1	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws. (B) ORNAMENTAL GRILL (more than 10 ton)	kg	
10026	10.1	Providing and fixing hard drawn steel wire fabric 75mm x 25mm mesh or weight not less than 7.75 kg. per Sq.M. to window frames etc. including 60 x 20mm beading of teak wood. (upto 10 ton)	Sqm	678.00
10026A	10.1	Providing and fixing hard drawn steel wire fabric 75mm x 25mm mesh or weight not less than 7.75 kg. per Sq.M. to window frames etc. including 60 x 20mm beading of teak wood. (more than 10 ton)	Sqm	
10027	10.1	Providing and fixing Fly proof galvanised M.S. wire gauge of I.S.I gauge designation 85 G. with wire of dia.0.56 mm to windows and celevating windows including 60 x 20mm beading of teak wood. (upto 10 ton)	Sqm	569.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
10027A	10.1	Providing and fixing Fly proof galvanised M.S. wire gauge of I.S.I gauge designation 85 G. with wire of dia.0.56 mm to windows and celevating windows including 60 x 20mm beading of teak wood. (more than 10 ton)	Sqm	
10028	10.1	Providing and fixing first class indian teak wood 75mm x 60mm moulded hand rails in straight lengths complete. (upto 10 ton)	Rmt	550.00
10028A	10.1	Providing and fixing first class indian teak wood 75mm x 60mm moulded hand rails in straight lengths complete. (more than 10 ton)	Rmt	
10029A	0	(i) Providing and fixing glazed louvered glass windows and ventilators with teak wood frame 10cm. x 7cm. size including 3 coats of oil painting to wood work etc.complete. (upto 10 ton)	Sqm	3204.00
10029AA	0	(i) Providing and fixing glazed louvered glass windows and ventilators with teak wood frame 10cm. x 7cm. size including 3 coats of oil painting to wood work etc.complete. (more than 10 ton)	Sqm	
10029B	0	(ii) Providing and fixing glazed louvered glass windows and ventilators with teak wood frame 10cm. x 7cm. size including 3 coats of oil painting to wood work etc.complete. with wooden louvers plank 12mm thick (upto 10 ton)	Sqm	3444.00
10029BA	0	(ii) Providing and fixing glazed louvered glass windows and ventilators with teak wood frame 10cm. x 7cm. size including 3 coats of oil painting to wood work etc.complete. with wooden louvers plank 12mm thick (more than 10 ton)	Sqm	
10030A	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (i) Fully Glazed.	Sqm	3667.00
10030B	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled.	Sqm	4476.00
10030C	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (iii) Partly panelled and partly glazed.	Sqm	4072.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
10031A	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (i) Fully Glazed.	Sqm	3667.00
10031B	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled.	Sqm	4476.00
10031C	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (iii) Partly panelled and partly glazed.	Sqm	4072.00
10032A	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including anodized aluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (i) Fully Glazed.	Sqm	3891.00
10032B	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including anodized aluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled.	Sqm	4700.00
10032C	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including anodized aluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (iii) Partly panelled and partly glazed.	Sqm	4295.00
10033A	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (i) Fully Glazed.	Sqm	3825.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
10033B	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled.	Sqm	4700.00
10033C	0	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (iii) Partly panelled and partly glazed.	Sqm	4295.00
10034	0	Add extra for providing and fixing 40mm thick shutters instead of 35 mm thick shutters including oil painting etc. complete.	Sqm	232.00
10035	0	Deduct for providing and fixing 25mm thick shutters instead of 35 mm thick shutters including oil painting etc. complete.	Sqm	378.00
10036		Providing and fixing FRP frame size 125x65 mm and 35mm thick FRP shutter with wood grain raised paneled design finish shutter having extra reinforcement on sides & edges in Gel coat finish. The core of the shutter & frame is to be filled up with injected polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with fastener sleeve & alluminium fixtures & fastenings.	Sqm	3823.00
10037		Providing and fixing FRP frame size 100x50 mm and 28mm thick FRP depress panel shutter having extra reinforcement on sides & edges in Gel coat finish. The core of the shutter & frame is to be filled up with injected fire retardant grade polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium fixtures & fastenings & fastener sleeve.	Sqm	3283.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
10038		Providing and fixing FRP frame size 125x65 mm and 35mm thick FRP shutter having extra reinforcement on sides & edges in polish finish. The core of the shutter & frame is to be filled up with injected polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium S.S fixtures & fastenings & fastener sleeve.	Sqm	4363.00
10039		Providing and fixing FRP of 28mm thick Fibre Glass shutter with 1.5 to 2.0 mm thick fire retardent grade FRP skin in depressed panel design having extra reinforcement on sides & edges & in Gel coat finish. The core of the shutter is to be filled up with injected retardent grade polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & shutter is to be water proof ,weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium S.S fixtures & fastenings & fastener sleeve.	Sqm	2293.00
10040		Providing and fixing FRP of 35mm thick Fiber Glass shutter with 1.5 to 2.0 mm thick fire retardent grade FRP skin in depressed panel design having extra reinforcement on sides & edges & in Gel coat finish. The core of the shutter is to be filled up with injected retardent grade polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & shutter is to be water proof ,weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium fixtures & fastenings.	Sqm	2778.00
10041		Supply of 35mm thick Fiber Glass shutter with 1.5 to 2.0 mm thick fire retardent grade FRP skin in wood grain rasied panel design having extra reinforcement on sides & edges & in polish design finish. The core of the shutter is to be filled up with injected retardent grade polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole shutter is to be water proof ,weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium S.S finish fixtures & fastenings.	Sqm	3339.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
10042		Providing and fixing windown shutter of 75x30 mm size with 4mm fully glazed panels with PVC batten main frame size having 1.5 to 2.0 mm thick fire retardent grade FRP shutter having extra reinforcement on sides & edges in polish finish. The core of the shutter & frame is to be filled up with injected polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fixtures. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & aluminium S.S fixtures & fastenings & fastener sleeve.	Sqm	3755.00
10043		Providing and fixing 30mm thick FACTORY MADE SOLID PANEL PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles and 15mm x 15 mm for top and bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture, M.S. frame shall be covered with 5 mm thick heat moulded PVC 'C' channel of size 30 x 50 mm forming stiles, and 5mm thick 75mm wide PVC sheets for top rail, lock rail and bottom rail on either side, and 10mm (5mm x 2) thick, 20mm wide cross PVC sheet as gap insert for top rail and bottom rail, Panelling of 5 stiles and rails with 30mm wide x 5mm thick PVC sheet beading on either side, and joined together with solvent cement adhesive,. An additional 5mm thick PVC strip of 20mm width is to be stulk on the interior side of the 'c' channel using PVC solvent cement adhesive etc. complete as per direction of Engineer in charge, manufacture's specification and drawing.	sqm	1632.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
10044		Providing and fixing 30mm thick FACTORY MADE SOLID BOTH SIDE PRELAM PANEL PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, top and bottom rails. M.S. frame shall have a coat of steel primer of approved make and manufacture. M.S. frame covered with 5mm thick heat moulded prelam PVC 'C' channel of size 30mm thickness, 70 mm width of which 50mm shall be flat and 20mm shall be tapered in 45 degree Angle on either side forming stiles, and 5mm thick, 95mm wide prelam PVC sheet out of which 75mm shall be flat and 20mm shall be tapered in 45 degree on the inner side of top and bottom rail and 115mm wide prelam PVC sheet out of which 75mm shall be flat and 20mm shall be tapered on both side to form lock rail, Top, bottom and lock rails shall be provided either side of the panel. 10mm (5mm x 2) thick 20mm wide cross PVC sheet shall be provided as gap insert for top rail and bottom rails. Paneling of 5mm thick both side prelam PVC sheet to be fitted in the M.S. frame welded, sealed to the stiles and rails with 7mm (5mm + 2 mm) thick x 15mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'C' channel using PVC solvent adhesive etc. complete as per direction of Engineering in charge, manufacture's specification and drawing.	sqm	2214.00
10045		Providing and fixing 30mm thick FACTORY MADE SOLID SINGLE SIDE PRELAM PANEL PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, and 15mm x 15mm for top and bottom rails. The M.S. frame shall have coat of steel primers of approved make and manufacture. The M.S. frame shall be covered with 5mm thick heat moulded single side prelam PVC 'C' channel of size 30 x 50mm to form stiles and 5mm thick and 75mm wide single side prelam PVC sheets shall be for the top, bottom and lock rails. Paneling of 5mm thick one side prelam sheet to be fitted in the M.S. frame and sealed to the front (Prelam side) stiles and rails (which should have a 5mm 45 degree bent portion as beading) and attached to the back (white/ivory) stiles and rails (which should have a 10mm 90 degree bent portion as beading) using 2 nos. 15mm wide x 5mm thick PVC sheet beading inside the 9 degree bent beading. All stiles, rails and beading to be joined to the panel using solvent cement. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'C' channel using PVC solvent adhesive and 10mm thick (5mm x 20) thick 20mm wide cross PVC sheet to be fitted as gap insert for top and bottom rails, etc. complete as per direction of Engineer in charge, manufacture's specification and drawing.	sqm	2003.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
10046		Providing and fixing 30mm thick FACTOR MADE FULLY GLAZED SOLID PVC DOOR SHUTTER consisting of frame made out of M.S. tube of 19mm gauge thickness and size of 19mm x 19mm for stiles and 15mm x 15mm for top, lock and bottom rails M.S. frame shall have a coat of steel primer of approved make and manufacture, M.s. frame shall be covered with 5mm thick heat moulded PVC 'C' channel of size 75mm x 30mm x 50mm out of which 10mm shall be bent at 90 degree towards inner side on front face of the door forming stiles. For top rail and bottom rail, M.S. frame shall be covered with 5mm thick, 100mm wide PVC sheet out of which 10mm shall be bent of 90 degree towards inner side on front face of the door. M.S. frame at lock rail shall be covered with 125 mm wide PVC sheet out of which 10mm on both the edges shall be bent at 90 degree on front face of the door and 75mm wide PVC sheet shall cover the M.S. frame at top, lock and bottom rail on side of door, 5mm thick 20mm wide cross PVC sheet as gap insert for top and bottom rail. PVC sheet beading of 15mm thick (5mm x 30, 15mm wide to be stuck, internally with solvent cement adhesive in stiles and rails. Glass panel will be fitted externally in the clear space available between the stiles and rails and fixed between PVC sheet of stiles and rails bent at 90 degree on front face and 15mm x 10mm 'L' shape outer beading nailed on stiles and rails at the back side. So that the 'L' shape PVC beading can be removed when required for replacement of broken glass etc. complete as per direction of Engineer in charge and manufacture's specification.	sqm	2013.00
10047		Providing and fixing 30mm thick factory made wire guazed solid PVC Door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles and 15mm x 15mm for top, lock and bottom rails, M.S. frame shall have a coat of steel primers of approved make and manufacture, 19mm x 19mm M.S. square tubes shall be covered with 5mm thick head moulded PVC 'C' channel of size 30mm thickness, 90mm width out of which 75mm shall be flat and 15 mm shall be bent in 90 degree angle on either side forming stiles and 5mm thick 115mm wide PVC sheet out of which 100mm shall be flat and 15mm shall be bent in 90 degree on the inner side to from top and bottom rails and 130mm wide PVC sheet out of which 100mm shall be flat and 15mm shall be bent in 90 degree on both side to from lock rail 10mm (5mm x 2) thick, 20mm wide cross PVC sheet as gap insert for top rail and bottom rail, panel will be of G.I. wire gauge of 24 gauge to be fitted in by 'C' channel of size 10mm x 35mm on the either side in the stiles. The inner side 'C' channel is fixed by 19mm x 19mm M.S. tube on both side with screws. The wire mesh in top, bottom and lock rail is sealed with 15mm x 15mm tube with G.I. wire, 1mm (5mm x 2) thick PVC strip of 25mm width is to be stuck and screw on both side of G.I. wire gauge interior at the top, bottom and lock rails. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'C' channel using PVC solvent cement adhesive etc. complete as per direction of Engineer in charge, manufacture's specification and drawing.	sqm	1968.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
10048		Providing and fixing 35mm thick factory made moulded door shutter consisting of solid core single leaf flush door of 30mm thickness, lipped with 15mm (5mm x 3) thick x 30mm width on one stiles and top rail and 10mm (5mm x 2) thick x 30mm width on the other stiles and bottom rails. The inner panel laminated with 2mm thick termite proof, water proof and fire resistant moulded PVC sheet with 2,4,6 raised panel design in different plain and /or prelim colours on one side after routing the moulded design on flush door and 2mm plain and/or prelim PVC sheet on other side using rubber adhesive on flush door and solvent cement adhesive on the PVC liping etc. complete as per direction of Engineer in charge, manufacture's specification and drawing.	sqm	2131.00
10049		Providing and fixing 30mm thick factory made moulded door shutter wood free consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 25mm x 25mm for stiles, top and bottom rails, M.S. frame shall have a coat of steel primers. The inner panel shall consist of 25mm thick High Density EPS conforming to IS 4671-1984 bonded with 2mm thick termite proof, water proof and fire resistant moulded PVC sheet with 2,4,6 raised panel design in different plain and /or prelim colours after routing the moulded design on one side and 2mm plain and/or prelim PVC sheet on other side of the EPS. The edges of panel to be sealed with lipping of 10mm wide PVC sheet batton (made by sticking 2 PVC rigid foam sheets of 5mm thickness using PVC solvent cement) and stiles 25mm (5mm x 5) thick and 30mm width PVC sheet fitted along M.S. tube for lock provision and for lock height 5mm thick PVC sheet of size 150mm x 100mm fixed with upper and lower face of inner side of EPS panel etc. complete as per direction of Engineer in charge manufacture's specification and drawing.	sqm	1960.00
10050		Providing and fixing factory made polyvinyl chloride (PVC) door frame of the size 50 x 47 mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre out of two corners and joined with 2nos. of 150mm long brackets of 15 x 15mm M.s. Square tubes. The two vertical door profiles are to be reinforced with 19 x 19 mm m.s. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame shal be fixed to the wall using 65/100 mm long M.S. screws through the frame by using PVC fasteners. A miniumum of 4 nos. os screws to be provided for each vertical members and minium 2 nos. for horizontal members etc. complete as per manufactures specification and direction of Engineer in charge.	sqm	256.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
10051		Providing and fixing of fully glazed solid PVC panel PVC door along with solid PVC door frame. 30mm thick FACTORY MADE FULLY GLAZED SOLID PVC DOOR SHUTTER consisting of frame made out of M.S. tube of 19 gauge thickness and size of 19mm x 19mm for style and 15mm x 15mm for top, lock and bottom rail. M.S. frame shall have a coat of steel primer of approved make and manufacture. M.S. frame shall be covered with 5 mm thick heat moulded PVC 'C' channel of size 75mm x 30mm x 50mm out of which 10mm shall be bent at 90 degree towards inner side on front face of the door. M.S. frame at lock rail shall be covered with 125 mm wide PVC sheet out of which 0mm on both the edges shall be bent at 90 degree on front face of the door and 7mm wide PVC sheet shall cover the M.S. frame at top, lock and bottom rail on back side of door, 5 mm thick 20mm wide cross PVC sheet as gap insert for top and bottom rail. PVC sheet beading of 15mm thick (5mm x3) 15mm wide to be stuck internally with solvent cement adhesive in stiles and rails. Glass panel will be fitted externally in the clear space available between the stiles and rails and fixed between PVC sheet of stiles and rails bent at 90 degree on front face and 15mm x 10mm 'L' shape outer beading nailed on stiles and rails at the back side. So tha the 'L' shape PVC beading can be removed when required for replacement of broken glass etc. complete as per direction of Engineer in charge and manufacture's specification	sqm	2463.00
10052		Providing and fixing complete sliding shutter solid PVC window 25mm thick factory made glazed solid PVC window shutter consisting of frame made out of M.S. tube of 19 gauge of size 15 x 15mm for styles top, bottom rail. M.S. frame shall have a coat of steel primer of approved make and manufacture, M.S. frame shall be covered with 4mm thick heat moulded PVC 'C' channel of size 58mm x 25mm x 38 mm out of which 8mm shall be bent at 90 degree towards inner side on front face of the window shutter forming stiles. For top rail and bottom rails, M>S. frame shall be covered with 4mm thick, 58mm wide PVC sheet out of which 8mm shall be bent at 90 degree towards inner side on front face and 38mm wide PVC sheet shall cover the M.S. frame at top and bottom rail on back side of window shutter, 4mm thick 15mm wide cross PVC sheet as gap insert for top and bottom rail. PVC sheet beading of 8mm thick (4mm x 2) to be stuck internally with solvent cement adhesive in top and bottom rails. Glass panel will be fitted externally in the clear space available between stiles & rails and fixed between PVC sheet of stiles and rails bent at 90 degree on front face 12mm x 123mm 'L' shape outer PVC beading nailed on stiles and rails at the back side so that 'L' shape outer PVC beading can be removed when required for replacement of broken glass etc. complete as per direction of etc. complete as per direction of Engineer in charge and manufacture's specification.	sqm	2899.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
10053		Providing and fixing Plain/Printed PVC sheet wall paneling of thickness 5mm consisting of panels having size 1220 mm x 2440 mm stuck on inner frame work of 50mm wide strips of 5mm thick PVC sheet. The strips should have in their center a groove of 6mm width and 1mm depth for sinking the head of the screw used to fix the strips to the wall and should be placed vertically at equal intervals of 10" center to center. The PVC strips shall be fixed to the wall using 65mm long M.s. screws through the groove in the strip by using PVC fasteners. The distance between two screws shall not be more than 200 A groove of 2mm may be left at the joint of two panel for aesthetic looks. The exact size of the panel and correspondingly of the grid may vary depending on the size of the wall.	sqm	845.00
10054		Providing and fixing Prelam PVC sheet wall paneling of thickness 5mm consisting of panels having size 1220 x 2440 mm stuck on inner frame work of 50mm wide strips of 5mm thick PVC sheet. The strips should have in their center a groove of 6mm width and 1mm depth for sinking the head of the screw used to fix the strips to the wall and should be placed vertically at equal intervals of 10" center to center. The PVC strips shall be fixed to the wall using 65mm long M.S. screws through the groove in the strip by using PVC fasteners. The distance between two screws shall not be more than 200 mm. A groove of 2mm may be left at the joint of two panel for aesthetic looks. The exact size of the panel and correspondingly of the grid may vary depending on the size of the wall.	sqm	944.00
10055		Providing and fixing full height Prelam PVC partition system 50mm thick consisting of 40mm sandwich PVC panel made out of 36mm high density expanded polystyrene sheet (E.P.S. Thermocol) stuck on both side with 2mm thick prelam PVC sheet reinforced with frame work made from 35mm x 5mm M.S. angle. In between two M.S. angles 4 mm with feathered edges shall be fixed on floor and 50 x 75 mm with feathered edges prelam PVC "C" channel of size 50mm x 75mm with feathered edges prelam PVC panel shall be inserted in the PVC 'C' channel The first and last M.S. angle should be erected such that it is inside a PVC C channel of size 50 x 75mm In between adjoining EPS sandwiched PVC partition panel 4mm thick x 75 mm width prelam PVC sheet feathered at edges shall be stuck on front and back face using solvent cement etc. An additional 4mm thick PVC strip of 40mm width is to be stuck on the interior side of the 'C' channel using PVC solvent adhesive complete as per direction of Engineer in charge. Manufacturer's specification and drawing.	sqm	2152.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
10056		Providing and fixing full height Plan/colour PVC partition system 50mm thick consisting of 40mm sandwich PVC panel made out of 36mm high density expanded polystyrene sheet (E.P.S. Thermocol) stuck on both side with 2mm thick plain PVC sheet reinforced with frame work made from 35mm x 5mm M.S. angle. In between two M.S. angles 4 mm thick plan heat moulded PVC 'C' channel of size 50mm x 100 mm with feathered edges shall be fixed on floor and 50 x 75 mm with feathered edges plain/printed/prelim PVC 'C' channel shall be fixed in the ceiling. Sandwich PVC panel shall be inserted in the PVC "c" channel. The first and last M.S. angle should be erected such that it is inside a PVC C channel of size 50 x 75mm. In between adjoining EPS sandwiched PVC partition panel 4mm thick x 75mm width plain PVC sheet feathered at edges shall be stuck on front and back face using solvent cement etc. And additional 4mm thick PVC strip of 40mm width is to be stuck on the interior side of the C channel using PVC solvent adhesive complete as per direction of Engineer in charge, manufacture's specification and drawing.	sqm	1783.00
10057		Providing and fixing full height Printed PVC partition system 50mm thick PVC partition consisting of 40mm sandwich PVC panel made out of 36mm high density expanded polystyrene sheet (EPS Thermocol) stuck on the both side with 2mm thick printed PVC sheet reinforced with frame work made from 35mm x 5mm M.S. angle. IN between two M.S. angles 4mm thick printed heat moulded PVC C channel of size 50mm x 100mm with feathered, edges shall be fixed on floor and 50 x 75 mm with feathered edges printed PVC C channel shall be fixed in the ceiling, Sandwich PVC panel shall be inserted in the PVC C channel. The first and last M.S. angle should be erected such that it is inside a PVC C channel of size 50 x 75mm In between adjoining EP sandwiched PVC partition panel 4mm thick x 75mm width printed PVC sheet feathered at edges shall be suck on front and back face using solvent cement. If the height of partition exceeds 8 feet; then 15mm x 30mm M.S. tube is welded horizontally at the joint of panels in between two vertical angels etc. An additional 4mm thick PVC strip of 40mm width is to be stuck on the interior side of the C channel using PVC solvent adhesive complete as per direction of Engineer in charge, manufactures.	sqm	1902.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
10058		Providing and fixing PVC plain colour false ceiling with grid type with alu frame consisting of 600 mm x 600mm 3mm thick plain PVC sheet used as panel insert in a frame work made using anodized alluminium T section of size 1" x 1" (25 x 25mm, 19 gauge or 1mm thick) in square pattern of grid sizes of 2 x 2 (600 x 600mm). The alluminium frame work is supported from the ceiling with the help of G.I. hook and G.I. wire/6mm M.S. rods of required sizes to maintain proper level etc. The aluminium frame work is supported on side wall with the use of alluminium L section of size 1 x 1 (25 x 25mm) angles et. Complete as per direction of Engineer in charge. Manufactures, specification and drawing	sqm	722.00
10059		Providing and fixing PVC Printed pain colour false ceiling with grid type with alluminium frame consisting of 600mm x 600mm 3mm thick plain PVC sheet used as panel insert in a frame work made using anodized alluminium T section of size 1 x 1 (235 x 25mm, 19 gauge or 1 mm thick) in square pattern of grid sizes of 2 x 2 (600 x 600mm) The alluminium frame work is supported from the cceiling with the help of G.I. hook and G.I. wire/6mm M.S. rods of required sizes to maintain proper level etc. The aluminium frame work is supported on side wall with the use of alluminium L section of size 1 x 1 (25 x 25mm) angles etc. complete as per direction of Engineer in charge. Manufactures specification and drawing.	sqm	766.00
10060		Providing and fixing PVC plain colour false ceiling with flush type with alluminium frame, frame work is done with three different sections of G.I. sheet of 24 gauge thickness named as C, U and L. The C section is fixed with hangers at an equal distance of 36" each and then U section is fixed perpendicular on C section with steel screws at an equal distance of 16" each. The complete frame work is supported by G.I. L angle 6mm rod hangers from the roof and L sections is fixed all around the wall as shown in the diagram. 5mm PVC sheet strips of size 2 wide and fixed with counter sunk steel screw on the U section. Further 3mm PVC sheet is stuck to these PVC strips with solvent cement such that joining lines are perfectly matched. P.U. putty is filled, ceiling for getting fine surface finish etc. complete as per direction of Engineer in charge, manufacturer's specification and drawing.	sqm	858.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
10061		Providing and fixing PVC printed false ceiling with flush type with alluminium frame, frame work is done with three different sections of G.I. sheet of 24 gauge thickness named as C, U and L. The C section is fixed with hangers at an equal distance of 36" each and then U section is fixed perpendicular on C section with steel screws at and equal distance of 16" each. The complete frame work is supported by G.I. L angle/6 mm rod hangers from the roof and L sections is fixed all around the wall as shown in the diagram. 5mm PVC sheet strips of size 2 wide are fixd with counter sunk steel screws on the U section. Further 3mm PVC sheet is stuck to these PVC strips with solvent cement such that joining lines are perfectly matched. P.U. putty is filled, dried and leveled and requisite coats of primer and paint is done on the ceiling for getting fine surface finish etc. complete as per direction of Engineering and charge manufacturer's specification and drawing	sqm	902.00
10062		Extra rate for using polyester fiber (12mm) with triangular of equivalent cross section with specific gravity 1.35 to 1.40 (as a secondary reinforcement) in concrete of any grade at the rate of 125 gms per 50 kg of Cement consumption.	1 Packet of 125 gms	26.00
10063		Extra rate for using polyester fiber (6mm) with triangular cross of equivalent section with specific gravity 1.35 to 1.40 (as a secondary reinforcement) in mortar of any grade at the rate of 125 gms per 50 kg of cement consumption.	1 Packet of 125 gms	26.00
10064A		Providing fusion bonded Epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bars as per IS-13620-1993/ASTM-775 M including testing of coating at plant and all taxes (A) 10mm to 16mm dia bar	M.T	10062.00
10064B		Providing fusion bonded Epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bars as per IS-13620-1993/ASTM-775 M including testing of coating at plant and all taxes (B) 20mm to 32 mm dia bar	M.T	7224.00

CHAPTER- 11 STEEL ALUMINUM & IRON WORK

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
11001A	11.2	Steel work, riveted in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of read lead paint. (A) In beams and joists, channels angles Tees, flats, with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters, purlins conneted to common rafters and the like. (upto 10 ton)	q	5968.00
11001AA	11.2	Steel work, riveted in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of read lead paint. (A) In beams and joists, channels angles Tees, flats, with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters, purlins conneted to common rafters and the like. (more than 10 ton)	q	
11001D	11.2	Steel work, riveted in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of read lead paint. (D) In trusses and trussed purlins, upto 25 M. span and 15 M ovarall height. (upto 10 ton)	q	5909.00
11001DA	11.2	Steel work, riveted in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of read lead paint. (D) In trusses and trussed purlins, upto 25 M. span and 15 M ovarall height. (more than 10 ton)	q	
11002A	11.4	Steel work, welded in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of read lead paint. (A)In beams and joists, channels angles Tees, flats, with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters, purlins conneted to common rafters and the like (upto 10 ton)	q	6026.00
11002AA	11.4	Steel work, welded in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of read lead paint. (A)In beams and joists, channels angles Tees, flats, with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters, purlins conneted to common rafters and the like (more than 10 ton)	q	
11002D	11.4	Steel work, welded in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of read lead paint. (D) In trusses and trussed purlins, upto 25 M. span and 15 M. ovarall height. (upto 10 ton)	q	5613.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
11002DA	11.4	Steel work, welded in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of read lead paint. (D) In trusses and trussed purlins, upto 25 M. span and 15 M. overall height. (more than 10 ton)	q	
11003	11.6	Providing and fixing in position collapsible steel shutters with vertical channels 20 x 10 x 2 mm braced with flat iron diagonals 20 x 5 mm size with top and bottom rails of T_rin 40x 40 x 6 mm with 38mm dia, steel pulleys complete with bolts, nuts, locking arrangements, stoppers handles including applying a priming coat of read lead paint. (upto 10 ton)	q	3639.00
11003A	11.6	Providing and fixing in position collapsible steel shutters with vertical channels 20 x 10 x 2 mm braced with flat iron diagonals 20 x 5 mm size with top and bottom rails of T_rin 40x 40 x 6 mm with 38mm dia, steel pulleys complete with bolts, nuts, locking arrangements, stoppers handles including applying a priming coat of read lead paint. (more than 10 ton)	q	
11004	11.7	Providing and fixing 1mm thick M.S. sheet sliding shutters with frame and diagonal braces of 40 x 40 x 6 mm angle iron, 3.15 mm M.S. gusset plates at Junctions and corners 25 mm dia. pulley, 40 x 40 x 6mm angle and T-iron huide rail at top and bottom respectively with handles, stoppers and locking agangement etc, including applying a priming coat of red lead paint. (upto 10 ton)	Sqm	2838.00
11004A	11.7	Providing and fixing 1mm thick M.S. sheet sliding shutters with frame and diagonal braces of 40 x 40 x 6 mm angle iron, 3.15 mm M.S. gusset plates at Junctions and corners 25 mm dia. pulley, 40 x 40 x 6mm angle and T-iron huide rail at top and bottom respectively with handles, stoppers and locking agangement etc, including applying a priming coat of red lead paint. (more than 10 ton)	Sqm	
11005A	0	Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation including the cost of hood cover and spring etc. complete.(A) Shutters having width below 3.5 M.	Sqm	3705.00
11005B	0	Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation including the cost of hood cover and spring etc. complete. (B) Shutters having width 3.5 M. and above	Sqm	4361.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
11006A	11.9	Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation complete but excluding the cost of hood cover and spring. (A) Shutters having width below 3.5.M.	Sqm	2787.00
11006B	11.9	Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation complete but excluding the cost of hood cover and spring. (B) Shutters having width above 3.5 M.	Sqm	3438.00
11007	11.1	Providing and fixing 27.5 cm. lng wire spring grade No.2 of approved make for rolling shutters.	Each	744.00
11008A	11.11	Providing and fixing Hood cover for rolling shutters (A) Shutters having width below 3.5 meters	Rmt	154.00
11008B	11.11	Providing and fixing Hood cover for rolling shutters (B) Shutters having width 3.5 meters and above	Rmt	161.00
11009	11.14	Fixing standard steel Doors, windows and ventilators in walls with 16 x 3.15 mm long 10 cm. long embedded in Cement Concrete block 15 x 10 x 10 of 1:3:6 (1- Cement : 3- coarse sand : 6-graded stone aggregate of 20mm size) cost for supply of door/ window/ ventilators shall be paid separately.	Sqm	146.00
11010	11.2	Providing and fixing M.S. Fan clamps type 1 to 16mm dia M.S. bar bent to shape with hooked ends to R.C.C. slabs curing, laying including painting the exposed portion of loops, all as per standard design complete	Each	81.50
11011	11.21	Extra over rate of item 20 for providing and fixing M.S. fan clamps type-II as per standard design in R.C.C. beams during laying towards additional height of the clamp due to beam rib.	Cm Height	1.10
11012	11.23	Providing and fixing M.S. round holding down or anchor bolts with nuts and washer plates complete.	Kg	39.50
11013	0	Providing and fixing EZ-7 section door/window frame including welding and fixtures fastenings including 3 coats of approved enamel oil paint etc complete.	Sqm	1424.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
11026		Providing and fixing extruded aluminum window having extruded aluminum Colour anodized section frame main outer size 127mm x 38.10mm x 1.35mm (of Jindal Section no:2443,@ Wt.1.384 Kg/mt),horizontal Four track member size 122.20mm x 31.75mm x 1.10mm (of Jindal Section no:8787,@ Wt. 1.205 Kg/mt),vertical member of size 122.20mm x 31.75mm x 1.50mm (of Jindal Section no:8935,@ Wt. 1.398 Kg/mt) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt),vertical member of size 40mm x 18mm x 1.29mm (of Jindal Section no:8947 @ wt.of 0.456Kg/mt/Section 8948,@ Wt. 0.457 Kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	Sqm	2520.00
11027		Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 95mm x 24mm x 1.17mm (of Jindal Section no:2459 @ wt.of 0.738 Kg/mt), horizontal Three track member size 92mm x 31.75mm x 1.30mm (of Jindal Section no:8688,@ Wt.1.07 Kg/mt), vertical member of size 92mm x 31.75mm x 1.50mm (of Jindal Section no:8933,@ Wt. 1.06 Kg/mt) with sliding shutters of horizontal member size 40 mmx18mm x1.29mm (of Jindal Section no:8947@ wt.of 0.456 Kg/mt), vertical member of size 40mm x 18mm x 1.29 mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt/ with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc	Sqm	1871.00
11028		Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 63.50 x 38.10 x 1.95 mm(of Jindal Section no:4605,@ Wt 1.094 Kg / Rmt), horizontal two track member size 61.85 mm x 31.75 mm x 1.20mm (of Jindal Section no: 8687 @ wt.of 0.695 Kg/mt), vertical member of size 61.85 mm x 31.75mm x 1.30 mm (of Jindal Section no:8758 @ wt.of 0.0.659 Kg/mt) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt), vertical member of size 40mm x 18mm x 1.29mm (of Jindal Section no:8947 @ wt.of 0.456Kg/mt/ Section 8948, @ Wt. 0.457 Kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	Sqm	2022.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
11029		Providing and fixing standard extruded of aluminium section of size 63.50 x 38.10 x 1.95 mm (of Jindal Section no:4605, @ Wt 1.094Kg / Rmt with colour anodized aluminium frame with 5 mm thick transparent bronze colour tinted float glass with colour anodized aluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for window	Sqm	1537.00
11030		Providing and fixing standard extruded of aluminium section of size 63mm x 38.10mm x 1.2mm (Jindal Section :2434, @ Wt. 0.643 Kg/mt) with colour anodized aluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	Sqm	1386.00
11031		Providing and fixing standard extruded of aluminium section of size 63.50 x 38.10 x 1.95 mm (of Jindal Section no:4605,@ Wt 1.094Kg / Rmt with colour anodized aluminium frame with 5 mm thick transparent bronze colour tinted float glass as details etc complete for Fix window.	Sqm	1802.00
11032		Providing and fixing extruded aluminum window having extruded aluminum Colour Powder Coated section frame main outer size 127mm x 38.10mm x 1.35mm (of Jindal Section no:2443,@ Wt.1.384 Kg/mt),horizontal Four track member size 122.20mm x 31.75mm x 1.10mm (of Jindal Section no:8787,@ Wt. 1.205 Kg/mt),vertical member of size 122.20mm x 31.75mm x 1.50mm (of Jindal Section no:8935,@ Wt. 1.398 Kg/mt) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt),vertical member of size 40mm x 18mm x 1.29mm (of Jindal Section no:8947 @ wt.of 0.456Kg/mt/Section 8948,@ Wt. 0.457 Kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	Sqm	2520.00
11033		Providing and fixing window having extruded aluminum Colour Powder Coated section frame main outer size 95mm x 24mm x 1.17mm (of Jindal Section no:2459 @ wt.of 0.738 Kg/mt), horizontal Three track member size 92mm x 31.75mm x 1.30mm (of Jindal Section no:8688,@ Wt.1.07 Kg/mt), vertical member of size 92mm x 31.75mm x 1.50mm (of Jindal Section no:8933,@ Wt. 1.06 Kg/mt) with sliding shutters of horizontal member size 40 mmx18mm x1.29mm (of Jindal Section no:8947@ wt.of 0.456 Kg/mt), vertical member of size 40mm x 18mm x 1.29 mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt/ with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc	Sqm	1880.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
11034		Providing and fixing window having extruded aluminum Colour Powder Coated section frame main outer size 63.50 x 38.10 x 1.95 mm(of Jindal Section no:4605,@ Wt 1.094 Kg / Rmt), horizontal two track member size 61.85 mm x 31.75 mm x 1.20mm (of Jindal Section no: 8687 @ wt.of 0.695 Kg/mt), vertical member of size 61.85 mm x 31.75mm x 1.30 mm (of Jindal Section no:8758 @ wt.of 0.0.659 Kg/mt) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt), vertical member of size 40mm x 18mm x 1.29mm (of Jindal Section no:8947 @ wt.of 0.456Kg/mt/ Section 8948, @ Wt. 0.457 Kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	Sqm	2012.00
11035		Providing and fixing standared extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm(of Jindal Section no:4605, @ Wt 1.094Kg / Rmt with colour Powder Coated alluminium frame with 5 mm thick transparent bronze colour tinted float glass with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for.window	Sqm	1524.00
11036		Providing and fixing standared extruded of alluminium section of size 63mm x 38.10mm x 1.2mm (Jindal Section :2434, @ Wt. 0.643 Kg/mt) with colour Powder Coated alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	Sqm	1386.00
11037		Providing and fixing standared extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm(of Jindal Section no:4605,@ Wt 1.094Kg / Rmt with colour Powder Coated alluminium frame with 5 mm thick transparent bronze colour tinted float glass as details etc complete for Fix window.	Sqm	2166.00

CHAPTER- 12 BUILDING HARDWARE

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
12001	12.4	Fixing Metallic tower bolts of sizes with necessary screws etc. complete (Tower bolts and screws to be paid under separate items)	Each	30.80
12002	12.5	Fixing Metallic flush bolts of sizes with necessary screws etc. complete (Flush bolts and screws to be paid under separate items)	Each	6.20
12003	12.3	Fixing metallic or plastic door handles of sizes with necessary screws etc. complete (Door handles and screws to be paid under separate items).	Each	2.30
12004	12.1	Fixing metallic gate and shutter hooks and eyes of size (Hooks and eyes to be paid under separate items)	Each	2.30
12005	11.11	Fixing metallic door latches of sizes with necessary screws etc. complete (Door latches and screws to be paid under separate items)	Each	4.10
12006	12.12	Fixing metallic mortice night latches with necessary screws including making necessary holes in wooden door shutter etc. complete (Mortice night latches and screw to be paid under separate items)	Each	58.20
12007	12.18	Fixing metallic ball catchers 10mm dia. (Ball catchers to be paid under separate item)	Each	4.80
12008	12.2	Fixing metallic casement window fasteners with necessary screws etc. complete (casement window fasteners and screws to be paid under separate items)	Each	3.70
12009	12.21	Fixing metallic casement stays of size with necessary screws etc. complete (casement stays and screws to be paid under separate items)	Each	3.70
12010	12.24	Fixing metallic cupboard or wardrobe locks of sizes with necessary screws etc. complete (Locks and screws to be paid separately)	Each	58.20
12011	12.25	Fixing metallic or plastic cupboard or wardrobe knobs of sizes with necessary screws/ bolts etc. complete (knobs and screws / bolts to be paid separately)	Each	4.80
12012	12.26	Fixing metallic floor door stoppers of sizes with rubber cushion screws etc. to suit shutter thickness complete (Floor door stopper with rubber cushion and screws to be paid under separate items)	Each	2.60
12013	12.28	Fixing metallic door handles or knobs for mortice locks with necessary screws etc. complete (Door handles /knobs and screws to be paid separately)	Each	2.30

CHAPTER- 13 GLAZING

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
13001A	13.1	Providing and fixing sheet glass, selected quality (Type-C) bedded in putty and fixed with wooden beading including the cost of wooden beadings of first class teakwood and necessary cutting of glass. (1) 5 mm thick.	Sqm	730.00
13001B	13.1	Providing and fixing sheet glass, selected quality (Type-C) bedded in putty and fixed with wooden beading including the cost of wooden beadings of first class teakwood and necessary cutting of glass. (2) 6 mm thick.	Sqm	765.00
13002	13.3	Providing and fixing rough cast wired glass, 6mm thick bedded in putty and fixed with wooden beading including the cost of wooden beadings of Indian teak wood and necessary cutting of glass. (C) Wired - figured glass	Sqm	625.00
13003A	13.5	Providing and fixing sheet glass ordinary quality bedded in putty and fixed with wooden beadings including the cost of wooden beadings of first-class teak wood and necessary cutting of glass. (3) 3mm thick	Sqm	678.00
13003B	13.5	Providing and fixing sheet glass ordinary quality bedded in putty and fixed with wooden beadings including the cost of wooden beadings of first-class teak wood and necessary cutting of glass. (4) 4mm thick	Sqm	691.00
13004	13.7	Extra for using ground glass (frosted or obscured on one side) instead of plain glass.	Sqm	44.70
13005	13.11	Deduct for difference in cost of materials and labour involved in method of glazing if changed in item No. 13 (A) Front and back puttied and sprigged or fixed with glazing pins	Sqm	287.00
13006	13.12	Grinding, Polishing and rounding of edges of glass or glazing sheets.	Rmt	24.40

CHAPTER- 14 PAVING & FLOOR FINISHES

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
14001A	14.2	Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and black marble chips of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (A) Dark shade pigment with ordinary cement (In top layer only) (upto 10 ton)	Sqm	467.00
14001AA	14.2	Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and black marble chips of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (A) Dark shade pigment with ordinary cement (In top layer only) (more than 10 ton)	Sqm	
14001B	14.2	Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and black marble chips of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (B) Light shade pigment with white cement (In top layer only) (upto 10 ton)	Sqm	561.00
14001BA	14.2	Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and black marble chips of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (B) Light shade pigment with white cement (In top layer only) (more than 10 ton)	Sqm	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
14001C	14.2	Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and black marble chips of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (C) Medium Shade pigment with approx 50% white cement and 50% ordinary cement (In top layer only) (upto 10 ton)	Sqm	515.00
14001CA	14.2	Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and black marble chips of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (C) Medium Shade pigment with approx 50% white cement and 50% ordinary cement (In top layer only) (more than 10 ton)	Sqm	
14001D	14.2	Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and black marble chips of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (D) White cement without any pigment (In top layer only) (upto 10 ton)	Sqm	522.00
14001DA	14.2	Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and black marble chips of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (D) White cement without any pigment (In top layer only) (more than 10 ton)	Sqm	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
14001E	14.2	Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and black marble chips of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (E) Light Shade pigment with ordinary cement (In top layer only.) (upto 10 ton)	Sqm	469.00
14001EA	14.2	Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and black marble chips of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (E) Light Shade pigment with ordinary cement (In top layer only.) (more than 10 ton)	Sqm	
14002A	14.4	Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm thick with white,black or white and black marble chips of size from smallest to 4mm nominal size laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder by weight) in proportion of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under layer 14mm thick cement plaster 1:3 (1-cement : 3-coarse sand) (A) Dark shade pigment with ordinary cement (In top layer only) (upto 10 ton)	Sqm	381.00
14002AA	14.4	Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm thick with white,black or white and black marble chips of size from smallest to 4mm nominal size laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder by weight) in proportion of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under layer 14mm thick cement plaster 1:3 (1-cement : 3-coarse sand) (A) Dark shade pigment with ordinary cement (In top layer only) (more than 10 ton)	Sqm	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
14002B	14.4	Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm white,black or white and black marble chips of size from smallest to 4mm nominalsize laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder by weight) in proportion of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under 14mm thick layer cement plaster 1:3 (1-cement : 3-coarse sand) (B) Light shade pigment with white cement (In top layer only) (upto 10 ton)	Sqm	441.00
14002BA	14.4	Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm white,black or white and black marble chips of size from smallest to 4mm nominalsize laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder by weight) in proportion of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under 14mm thick layer cement plaster 1:3 (1-cement : 3-coarse sand) (B) Light shade pigment with white cement (In top layer only) (more than 10 ton)	Sqm	
14002C	14.4	Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm white,black or white and black marble chips of size from smallest to 4mm nominalsize laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder by weight) in proportion of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under 14mm thick layer cement plaster 1:3 (1-cement : 3-coarse sand) (C) Medium shade pigment with appox 50% white cement and 50% ordinary cement (In top layer only) (upto 10 ton)	Sqm	412.00
14002CA	14.4	Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm white,black or white and black marble chips of size from smallest to 4mm nominalsize laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder by weight) in proportion of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under 14mm thick layer cement plaster 1:3 (1-cement : 3-coarse sand) (C) Medium shade pigment with appox 50% white cement and 50% ordinary cement (In top layer only) (more than 10 ton)	Sqm	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
14002D	14.4	Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm white,black or white and black marble chips of size from smallest to 4mm nominal size laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder by weight) in proportion of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under 14 mm thick layer cement plaster 1:3 (1-cement : 3-coarse sand) (D) White cement without any pigment (In top layer only) (upto 10 ton)	Sqm	422.00
14002DA	14.4	Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm white,black or white and black marble chips of size from smallest to 4mm nominal size laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder by weight) in proportion of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under 14 mm thick layer cement plaster 1:3 (1-cement : 3-coarse sand) (D) White cement without any pigment (In top layer only) (more than 10 ton)	Sqm	
14002E	14.4	Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm white,black or white and black marble chips of size from smallest to 4mm nominalsize laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under plaster 1:3 (1-cement : 3-coarse sand) (E) Light shade pigment with ordinary cement(In top layer only) (upto 10 ton)	Sqm	383.00
14002EA	14.4	Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm white,black or white and black marble chips of size from smallest to 4mm nominalsize laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under plaster 1:3 (1-cement : 3-coarse sand) (E) Light shade pigment with ordinary cement(In top layer only) (more than 10 ton)	Sqm	
14003A	14.16	Providing and laying cushioning layer on R.C.C. Slab consisting of 75mm thick lime, concrete using brick aggregate of 20mm nominal size mortar compresing of 1-Lime : 2- fine sand) (upto 10 ton)	Sqm	142.00
14003AA	14.16	Providing and laying cushioning layer on R.C.C. Slab consisting of 75mm thick lime, concrete using brick aggregate of 20mm nominal size mortar compresing of 1-Lime : 2- fine sand) (more than 10 ton)	Sqm	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
14003B	0	Precast terrzo tiles 22mm thick with white, Black or white and black marble chips of sizes upto 6mm, laid in floors, treads of steps and landings on a bed of 25mm average thickness of lime mortar 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of (1) Light shades using white cement (upto 10 ton)	Sqm	357.00
14003BA	0	Precast terrzo tiles 22mm thick with white, Black or white and black marble chips of sizes upto 6mm, laid in floors, treads of steps and landings on a bed of 25mm average thickness of lime mortar 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of (1) Light shades using white cement (more than 10 ton)	Sqm	
14003C	0	Precast terrzo tiles 22mm thick with white Black or white and black marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of lime mortar 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of (1) Dark shades using ordinary cement (upto 10 ton)	Sqm	349.00
14003CA	0	Precast terrzo tiles 22mm thick with white Black or white and black marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of lime mortar 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of (1) Dark shades using ordinary cement (more than 10 ton)	Sqm	
14003D	0	Precast terrzo tiles 27 to 28mm thick with white Black or white and black marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of lime mortar 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of (1) Light shades using white cement (upto 10 ton)	Sqm	395.00
14003DA	0	Precast terrzo tiles 27 to 28mm thick with white Black or white and black marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of lime mortar 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of (1) Light shades using white cement (more than 10 ton)	Sqm	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
14003E	0	Precast terrzo tiles 27 to 28mm thick with white Black or white and black marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of lime mortar 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of (2) Dark shades using ordinary cement (upto 10 ton)	Sqm	388.00
14003EA	0	Precast terrzo tiles 27 to 28mm thick with white Black or white and black marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of lime mortar 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of (2) Dark shades using ordinary cement (more than 10 ton)	Sqm	
14004A	14.19	Providing and laying precast terrazo tile 20mm thick white,black, white and black (or of the colour specified in specification of tender item) marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of Lime mortar 1:1.5(1-Lime putty : 1.5 coarse sand) or C.M. 1:6 (1:cement :6 - coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of.(A) Light shades using white cement (upto 10 ton)	Sqm	357.00
14004AA	14.19	Providing and laying precast terrazo tile 20mm thick white,black, white and black (or of the colour specified in specification of tender item) marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of Lime mortar 1:1.5(1-Lime putty : 1.5 coarse sand) or C.M. 1:6 (1:cement :6 - coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of.(A) Light shades using white cement (more than 10 ton)	Sqm	
14004B	14.19	Providing and laying precast terrazo tile 20mm thick white and black (or of the colour specified in specification of tender item) marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of Lime mortar 1:1.5(1-Lime putty : 1.5 sand) or C.M. 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of.(B) Medium shades using approx. 50% white cement and 50% ordinary cement (upto 10 ton)	Sqm	379.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
14004BA	14.19	Providing and laying precast terrazo tile 20mm thick white and black (or of the colour specified in specification of tender item) marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of Lime mortar 1:1.5(1-Lime putty : 1.5 sand) or C.M. 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of.(B) Medium shades using approx. 50% white cement and 50% ordinary cement (more than 10 ton)	Sqm	
14004C	14.19	Providing and laying precast terrazo tile 20mm thick white,black,white and black (or of the colour specified in specification of tender item) marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of Lime mortar 1:1.5(1-Lime putty : 1.5 coarse sand) or C.M. 1:6(:1 - cement :6 - coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of. (B) Dark shades using ordinary cement (upto 10 ton)	Sqm	331.00
14004CA	14.19	Providing and laying precast terrazo tile 20mm thick white,black,white and black (or of the colour specified in specification of tender item) marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of Lime mortar 1:1.5(1-Lime putty : 1.5 coarse sand) or C.M. 1:6(:1 - cement :6 - coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of. (B) Dark shades using ordinary cement (more than 10 ton)	Sqm	
14005A	14.21	Providing and laying precast terrazo tiles 20mm thick with marble chips of sizes. upto 6mm in skirting and risers of steps not exceedings 30 cms. in height on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) jointed with neat cement slurry including rubbing and polishing complete with tiles of. (A) Light shades using white cement (upto 10 ton)	Sqm	409.00
14005AA	14.21	Providing and laying precast terrazo tiles 20mm thick with marble chips of sizes. upto 6mm in skirting and risers of steps not exceedings 30 cms. in height on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) jointed with neat cement slurry including rubbing and polishing complete with tiles of. (A) Light shades using white cement (more than 10 ton)	Sqm	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
14005B	14.21	Providing laying precast terrazo tiles 20mm thick with marble chips of sizes. upto 6mm in skirting and risers of steps not exceedings 30 cms. in hieght on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) jointed with neat cement slurry including rubbing and polishing complete with tiles of. (B) Medium Shades using approx. 50% white Cement and 50% ordinary cement (upto 10 ton)	Sqm	456.00
14005BA	14.21	Providing laying precast terrazo tiles 20mm thick with marble chips of sizes. upto 6mm in skirting and risers of steps not exceedings 30 cms. in hieght on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) jointed with neat cement slurry including rubbing and polishing complete with tiles of. (B) Medium Shades using approx. 50% white Cement and 50% ordinary cement (more than 10 ton)	Sqm	
14005C	14.21	Providing and laying precast terrazo tiles 20mm thick with marble chips of sizes. upto 6mm in skirting and risers of steps not exceedings 30 cms. in height on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) jointed with neat cement slurry including rubbing and polishing complete with tiles of. (B) Dark shades using ordinary cement (upto 10 ton)	Sqm	383.00
14005CA	14.21	Providing and laying precast terrazo tiles 20mm thick with marble chips of sizes. upto 6mm in skirting and risers of steps not exceedings 30 cms. in height on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) jointed with neat cement slurry including rubbing and polishing complete with tiles of. (B) Dark shades using ordinary cement (more than 10 ton)	Sqm	
14006A	14.25	Providing and laying chequered terrazo tiles 22mm thick with marble chips of sizes upto 6mm in floors on 25mm thick bed of Lime mortar 1:1.5 (1-Lime putty : 1.5 coarse sand) or C.M. 1:6 (1 -cement :6 - coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete. (A) Light shades using white cement (upto 10 ton)	Sqm	470.00
14006AA	14.25	Providing and laying chequered terrazo tiles 22mm thick with marble chips of sizes upto 6mm in floors on 25mm thick bed of Lime mortar 1:1.5 (1-Lime putty : 1.5 coarse sand) or C.M. 1:6 (1 -cement :6 - coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete. (A) Light shades using white cement (more than 10 ton)	Sqm	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
14006B	14.25	Providing and laying chequered terrazo tiles 22mm thick with marble chips of sizes upto 6mm in floors on 25mm thick bed of Lime mortar 1:1.5 (1-Lime putty : 1.5 coarse sand) or C.M. 1:6 (1 - cement : 6 - coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete. (B) Dark shades using ordinary cement (upto 10 ton)	Sqm	445.00
14006BA	14.25	Providing and laying chequered terrazo tiles 22mm thick with marble chips of sizes upto 6mm in floors on 25mm thick bed of Lime mortar 1:1.5 (1-Lime putty : 1.5 coarse sand) or C.M. 1:6 (1 - cement : 6 - coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete. (B) Dark shades using ordinary cement (more than 10 ton)	Sqm	
14007A	14.27	Providing and laying chequered terrazo tiles 28mm thick with marble chips of sizes upto 6mm in treads of stairs and staircases in 12mm thick bed of lime mortar 1:1.5 (1-Lime putty :1.5 coarse sand) or C.M. 1:6 (1- cement : 6- coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete. (A) Light shades using white cement (upto 10 ton)	Sqm	472.00
14007AA	14.27	Providing and laying chequered terrazo tiles 28mm thick with marble chips of sizes upto 6mm in treads of stairs and staircases in 12mm thick bed of lime mortar 1:1.5 (1-Lime putty :1.5 coarse sand) or C.M. 1:6 (1- cement : 6- coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete. (A) Light shades using white cement (more than 10 ton)	Sqm	
14007B	14.27	Providing and laying chequered terrazo tiles 28mm thick with marble chips of sizes upto 6mm in treads of stairs and staircases in 12mm thick bed of lime mortar 1:1.5 (1-Lime putty :1.5 coarse sand) or C.M. 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete. (B) Dark shades using ordinary cement (upto 10 ton)	Sqm	476.00
14007BA	14.27	Providing and laying chequered terrazo tiles 28mm thick with marble chips of sizes upto 6mm in treads of stairs and staircases in 12mm thick bed of lime mortar 1:1.5 (1-Lime putty :1.5 coarse sand) or C.M. 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete. (B) Dark shades using ordinary cement (more than 10 ton)	Sqm	
14008A	14.29	Providing and laying white glazed tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement. (upto 10 ton)	Sqm	630.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
14008AA	14.29	Providing and laying white glazed tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement. (more than 10 ton)	Sqm	
14008B	14.29 (B)	Providing and laying Ceramic tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement. (upto 10 ton)	Sqm	638.00
14008BA	14.29 (B)	Providing and laying Ceramic tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement. (more than 10 ton)	Sqm	
14008C	14.29 (C1)	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement. (upto 10 ton)	Sqm	761.00
14008CA	14.29 (C1)	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement. (more than 10 ton)	Sqm	
14008D	14.29 (C2)	Providing and laying Vitrified tiles 8 to 10 mm thick , 36" x 36" in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement. (upto 10 ton)	Sqm	1259.00
14008DA	14.29 (C2)	Providing and laying Vitrified tiles 8 to 10 mm thick , 36" x 36" in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement. (more than 10 ton)	Sqm	
14009A	14.32	Providing and laying white glazed tiles 6mm thick in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry (upto 10 ton)	Sqm	696.00
14009AA	14.32	Providing and laying white glazed tiles 6mm thick in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry (more than 10 ton)	Sqm	
14009B	14.32 (B)	Providing and laying Ceramic tiles 6mm thick in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry (upto 10 ton)	Sqm	657.00
14009BA	14.32 (B)	Providing and laying Ceramic tiles 6mm thick in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry (more than 10 ton)	Sqm	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
14009C	14.32 (C1)	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry (upto 10 ton)	Sqm	780.00
14009CA	14.32 (C1)	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry (more than 10 ton)	Sqm	
14009D	14.32 (C2)	Providing and laying Vitrified tiles 8 to 10 mm thick , in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry (upto 10 ton)	Sqm	1263.00
14009DA	14.32 (C2)	Providing and laying Vitrified tiles 8 to 10 mm thick , in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry (more than 10 ton)	Sqm	
14010	14.34	Providing and fixing 50mm internal or external angles of glazed tiles (upto 10 ton)	Rmt	86.00
14010A	14.34	Providing and fixing 50mm internal or external angles of glazed tiles (more than 10 ton)	Rmt	
14011	14.36	Providing and laying marble stone slab flooring over 20mm (average)base of cement mortar 1:6 (1-cement : 6 coarse sand) or L.M. 1:1.5(1- lime putty : 1.5 - coarse sand) laid and jointed with gray cement slurry including rubbing and polishing complete. (A) Marble slab 25mm thick (upto 10 ton)	Sqm	1314.00
14011A	14.36	Providing and laying marble stone slab flooring over 20mm (average)base of cement mortar 1:6 (1-cement : 6 coarse sand) or L.M. 1:1.5(1- lime putty : 1.5 - coarse sand) laid and jointed with gray cement slurry including rubbing and polishing complete. (A) Marble slab 25mm thick (more than 10 ton)	Sqm	
14012A	14.43	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1.1.5 (1-Lime putty :1.5 - coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (A) 25mm thick (upto 10 ton)	Sqm	607.00
14012AA	14.43	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1.1.5 (1-Lime putty :1.5 - coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (A) 25mm thick (more than 10 ton)	Sqm	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
14012B	14.43	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1:1.5 laid over and jointed with grey cement slurry including rubbing and polishing etc. complete. (B) 30 mm thick (upto 10 ton)	Sqm	647.00
14012BA	14.43	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1:1.5 laid over and jointed with grey cement slurry including rubbing and polishing etc. complete. (B) 30 mm thick (more than 10 ton)	Sqm	
14013	14.44	Providing and laying polished kota stone slab 25mm thick in risers of steps,skirting Dedo and pillars laid on 10mm thick cement mortar 1:3 (1-Cement : 3 coarse sand) and jointed with gray cement slury mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (upto 10 ton)	Sqm	685.00
14013A	14.44	Providing and laying polished kota stone slab 25mm thick in risers of steps,skirting Dedo and pillars laid on 10mm thick cement mortar 1:3 (1-Cement : 3 coarse sand) and jointed with gray cement slury mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (more than 10 ton)	Sqm	
14014A	14.46	Providing and laying rough chiseled dressed stone flooring over 20mm average thick base of cement mortar 1:5 (1-Cement : 5-coarse sand) or L.M. 1:1.5 (1-Lime putty : 1.5 - coarse sand) including pointing with cement mortar 1:2 (1-cement : 2-stone dust) etc. complete. (A) 25mm thick (upto 10 ton)	Sqm	364.00
14014AA	14.46	Providing and laying rough chiseled dressed stone flooring over 20mm average thick base of cement mortar 1:5 (1-Cement : 5-coarse sand) or L.M. 1:1.5 (1-Lime putty : 1.5 - coarse sand) including pointing with cement mortar 1:2 (1-cement : 2-stone dust) etc. complete. (A) 25mm thick (more than 10 ton)	Sqm	
14014B	14.46	Providing and laying rough chiseled dressed stone flooring over 20mm thick base of cement mortar 1:5 (1-Cement : 5-coarse sand) or L.M. 1:1.5 including pointing with cement mortar 1:2 (1-cement : 2-stone dust) etc. complete. (B) 40mm thick (upto 10 ton)	Sqm	439.00
14014BA	14.46	Providing and laying rough chiseled dressed stone flooring over 20mm thick base of cement mortar 1:5 (1-Cement : 5-coarse sand) or L.M. 1:1.5 including pointing with cement mortar 1:2 (1-cement : 2-stone dust) etc. complete. (B) 40mm thick (more than 10 ton)	Sqm	
14015A	14.71	Providing and laying cement concrete flooring 1:2:4 (1-cement : 2-coarse sand : 4-graded stone aggregate 20mm nominal size) laid in one layer and finished with a floating coat of neat cement. (A) 40mm thick. (upto 10 ton)	Sqm	174.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
14015AA	14.71	Providing and laying cement concrete flooring 1:2:4 (1-cement : 2-coarse sand : 4-graded stone aggregate 20mm nominal size) laid in one layer and finished with a floating coat of neat cement. (A) 40mm thick. (more than 10 ton)	Sqm	
14015B	14.71	Providing and laying cement concrete flooring 1:2:4 (1-cement : 2-coarse sand : 4-graded stone aggregate 20mm nominal size) laid in one layer and finished with a floating coat of neat cement. (B) 50mm thick. (upto 10 ton)	Sqm	203.00
14015BA	14.71	Providing and laying cement concrete flooring 1:2:4 (1-cement : 2-coarse sand : 4-graded stone aggregate 20mm nominal size) laid in one layer and finished with a floating coat of neat cement. (B) 50mm thick. (more than 10 ton)	Sqm	
14016	14.74	Providing and laying cement concrete pavement (25mm to 50mm thick) with 1:2:4 (1-cement : 2-coarse sand : 4-stone aggregate 20mm nominal size) including finishing with floating coat of neat cement complete. (upto 10 ton)	cu.m	3203.00
14016A	14.74	Providing and laying cement concrete pavement (25mm to 50mm thick) with 1:2:4 (1-cement : 2-coarse sand : 4-stone aggregate 20mm nominal size) including finishing with floating coat of neat cement complete. (more than 10 ton)	cu.m	
14017	14.81	Providing and laying precast cement concrete tiles 20mm thick with aggregate of sizes upto 6mm laid on floors, treads of steps and landing on 20mm thick bed of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1:1.5 (1 - Lime putty : 1.5 - coarse sand) jointed with neat cement slurry with pigment to match the shade of tiles complete with precast tiles of (C) Dark shades using ordinary cement (upto 10 ton)	Sqm	302.00
14017A	14.81	Providing and laying precast cement concrete tiles 20mm thick with aggregate of sizes upto 6mm laid on floors, treads of steps and landing on 20mm thick bed of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1:1.5 (1 - Lime putty : 1.5 - coarse sand) jointed with neat cement slurry with pigment to match the shade of tiles complete with precast tiles of (C) Dark shades using ordinary cement (more than 10 ton)	Sqm	
14018A	14.86	Providing and laying chequered precast cement concrete tiles 22mm thick with aggregate of sizes upto 6mm in floors, treads of steps and landings on 20mm thick bed of C.M. 1:6 (1-cement : 6-sand) or L.M. 1:1.5(1-Lime putty : 1.5 coarse sand) joint with neat cement slurry with pigments to match the shade of the tiles. (upto 10 ton)	Sqm	363.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
14018AA	14.86	Providing and laying chequered precast cement concrete tiles 22mm thick with aggregate of sizes upto 6mm in floors, treads of steps and landings on 20mm thick bed of C.M. 1:6 (1-cement : 6-sand) or L.M. 1:1.5(1-Lime putty : 1.5 coarse sand) joint with neat cement slurry with pigments to match the shade of the tiles. (more than 10 ton)	Sqm	
14018B	(A)	Extra for rubbing & polishing the precast c.c. tiles for flooring sketing deta.	Sqm	92.80
14019	14.9	Providing and laying brick on edge flooring laid dry grouted with c.M. 1:6 (1 - Cement : 6 - coarse sand) including finishing the joints flush curing etc. complete. (upto 10 ton)	Sqm	340.00
14019A	14.9	Providing and laying brick on edge flooring laid dry grouted with c.M. 1:6 (1 - Cement : 6 - coarse sand) including finishing the joints flush curing etc. complete. (more than 10 ton)	Sqm	
14020	0	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for DARK shade (upto 10 ton)	Sqm	884.00
14020A	0	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for DARK shade (more than 10 ton)	Sqm	
14021	0	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for antiskit (upto 10 ton)	Sqm	884.00
14021A	0	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for antiskit (more than 10 ton)	Sqm	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
14022	0	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for light shade (upto 10 ton)	Sqm	884.00
14022A	0	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for light shade (more than 10 ton)	Sqm	
14023	0	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M250 grade concret as per approved design and including excavation for fixing in proper line and level,filling the joint with C:M 1:3 (1cement:3fine sand) etc complete. (upto 10 ton)	Rmt	240.00
14023A	0	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M250 grade concret as per approved design and including excavation for fixing in proper line and level,filling the joint with C:M 1:3 (1cement:3fine sand) etc complete. (more than 10 ton)	Rmt	
14032		Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M250 grade concret as per approved design and including excavation for fixing in proper line and level,filling the joint with C:M 1:3 (1cement:3fine sand) etc complete.	Rmt	311.00
14033		Providing and fixing pre-cast Rubber Dye inter locking concrete block 60mm thick with grade of concrete M200 pnumatic compressed by mechanically pressed and as per approved design including 75mm Sand layer for levelling and filling the joint with sand in proper line and level etc complete.	Sqm	603.00
14034		Providing and fixing pre-cast Rubber Dye inter locking concrete block 60mm thick with grade of concrete M250 pnumatic compressed by mechanically pressed and as per approved design including 75mm Sand layer for levelling and filling the joint with sand in proper line and level etc complete.	Sqm	667.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
14035		Providing and laying broken chine mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using white cement including rounding off junctions and extending them upto 15 cm along the wall,clearing with water and oxalic acid etc. as directed.	Sqm	471.00
14036		Providing and laying coloured glazed tiles of the size 300 mm x 200 mm x 8 mm / 300 mm x 450 mm x 8 mm in skirting, risers of steps and dedo on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) & jointed with white cement slurry.	Sqm	891.00

CHAPTER- 15 ROOF COVERING

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
15001	15.1	Providing corrugated G.I. sheet of class-3 roofing fixed with glavanished iron J or L Hooks, Bolts and nuts 8mm diameter with bitumen and G.I. limpet washer or G.I. limpet washer. filled with white lead complete excluding the cost of purlins, Rafters and Trusses.(1) 0.80 mm thick sheet. (upto 10 ton)	Sqm	767.00
15001A	15.1	Providing corrugated G.I. sheet of class-3 roofing fixed with glavanished iron J or L Hooks, Bolts and nuts 8mm diameter with bitumen and G.I. limpet washer or G.I. limpet washer. filled with white lead complete excluding the cost of purlins, Rafters and Trusses.(1) 0.80 mm thick sheet. (more than 10 ton)	Sqm	
15002	15.7	Providing ridges or hips 600 mm overall in plain G.I. sheet class-3 fixed with G.I.J. or L Hooks and nuts 8mm dia G.I. Limpet and bitumen washer complete. (1) 0.80 mm thick sheet. (upto 10 ton)	Sqm	475.00
15002A	15.7	Providing ridges or hips 600 mm overall in plain G.I. sheet class-3 fixed with G.I.J. or L Hooks and nuts 8mm dia G.I. Limpet and bitumen washer complete. (1) 0.80 mm thick sheet. (more than 10 ton)	Sqm	
15003	15.8	Providing valleys 900mm overall in plain 1.6mm thick G.I. sheet fixed with G.I. J or L Hooks, Bolts and nuts glavanised iron J or L Hooks Bolts and nuts 8mm dia G.I. Limpet and bitumen washers complete. (upto 10 ton)	Sqm	926.00
15003A	15.8	Providing valleys 900mm overall in plain 1.6mm thick G.I. sheet fixed with G.I. J or L Hooks, Bolts and nuts glavanised iron J or L Hooks Bolts and nuts 8mm dia G.I. Limpet and bitumen washers complete. (more than 10 ton)	Sqm	
15004A	15.2	Providing asbestos cement sheets roofing fixed with G.I J or L hooks, bolts & nuts 8mm dia. C.I. plain and bitumen washer complete excluding the cost of purlins, fagters and trusses. (A) Corrugated sheet (i) 7mm thick (upto 10 ton)	Sqm	0.00
15004AA	15.2	Providing asbestos cement sheets roofing fixed with G.I J or L hooks, bolts & nuts 8mm dia. C.I. plain and bitumen washer complete excluding the cost of purlins, fagters and trusses. (A) Corrugated sheet (i) 7mm thick (more than 10 ton)	Sqm	
15004B	15.2	Providing asbestos cement sheets roofing fixed with G.I J or L hooks, bolts and nuts 8mm dia. C.I. plain and bitumen washer complete excluding the cost of purlins, fagters and trusses. (A) Corrugated sheet (ii) 6mm thick (upto 10 ton)	Sqm	0.00
15004BA	15.2	Providing asbestos cement sheets roofing fixed with G.I J or L hooks, bolts and nuts 8mm dia. C.I. plain and bitumen washer complete excluding the cost of purlins, fagters and trusses. (A) Corrugated sheet (ii) 6mm thick (more than 10 ton)	Sqm	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
15005	15.1	Providing and fixing 150mm wide 450mm over all semicircular plain G.I.sheet class-3 gutter with Iron brackets 40mm x 3mm size Bolts, Nuts, washers etc. including making necessary connection with rain water pipes. (i) 0.80 mm thick Sheet. (upto 10 ton)	Sqm	387.00
15005A	15.1	Providing and fixing 150mm wide 450mm over all semicircular plain G.I.sheet class-3 gutter with Iron brackets 40mm x 3mm size Bolts, Nuts, washers etc. including making necessary connection with rain water pipes. (i) 0.80 mm thick Sheet. (more than 10 ton)	Sqm	
15006	15.25	Providing and fixing ridges and hips in asbestos cement sheets roofing with G.I. J or L hooks, bolts and nuts 8mm dia. G.I. plain and bitumen washers complete. (D) North light adjustable ridge.	Rmt	0.00
15007	15.26	Filling cement concrete 1:2:4 (1- Cement :2-coarse sand :4-graded stone aggregate 12.5 mm nominal size) in gaps of A.C. sheet corrugation and wings of ridges.	Rmt	18.40
15008	15.27	Providing and fixing asbestos cement roofing accessories with Galvaised iron J or L hooks, Bolts, and Nuts and 02 G.I seam bolts & nuts, G.I.Plain and Bitumen washers etc.complete. (iii) North light and ventilator curves.	Rmt	0.00
15009A	15.29	Providing and fixing asbestos cement socketed half round eaves gutter with Bolts, Nuts, bitumen washers etc. and flat iron brackets 40mm x 3mm size including asbestos rope and plastic roofing compound in joints complete. (i) 150mm nominal size.	Rmt	0.00
15009B	15.29	Providing and fixing asbestos cement socketed half round eaves gutter with Bolts, Nuts, bitumen washers etc. and flat iron brackets 40mm x 3mm size including asbestos rope and plastic roofing compound in joints complete. (ii) 300mm nominal size.	Rmt	0.00
15010	15.51	Providing and fixing tiles roofing with manglore tiles including teak reepers of sizes 50mm x 25mm. (upto 10 ton)	Rmt	162.00
15010A	15.51	Providing and fixing tiles roofing with manglore tiles including teak reepers of sizes 50mm x 25mm. (more than 10 ton)	Rmt	
15011	15.75	Providing and fixing five courses water proofing treatment with bitumen felt consisting of second and fourth course of blown / bitumen or/ and residual bitumen applied hot at 1.2 kg.per Sq.M.of area for each course and first course with fibre base bitumen saturated under lay type and third course with fibre base self finished felt type 2 grade 1 and fifth and final course of stone grit 6mm and down size or pea sizes gravel spread at 0.008 Cu. Metre / Sq. metre including preparation of surface excluding grading complete. (upto 10 ton)	Sqm	317.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
15011A	15.75	Providing and fixing five courses water proofing treatment with bitumen felt consisting of second and fourth course of blown / bitumen or/ and residual bitumen applied hot at 1.2 kg.per Sq.M.of area for each course and first course with fibre base bitumen saturated under lay type and third course with fibre base self finished felt type 2 grade 1 and fifth and final course of stone grit 6mm and down size or pea sizes gravel spread at 0.008 Cu. Metre / Sq. metre including preparation of surface excluding grading complete. (more than 10 ton)	Sqm	
15012	15.87	Providing and fixing on wall face C.I. Rain water pipe including filling the joints with spun yarn soaked in neat cement slurry and cement mortar 1:2 (1- Cement : 2-fine sand) (A) 75 mm dia.	Rmt	185.00
15013	15.88	Providing and fixing M.S Holder bat clamps of approved design to C.I. or S.C.I. pipes embedded in and including cement concrete blocks 100mm x 100mm x 100mm. size of 1:2:4 (1-Cement : 2- coarse sand :4- graded stone aggregate of 20mm nominal size) and cutting holes and making good the wall etc, complete. (A) 75mm dia.	Each	73.00
15014	15.9	Providing and fixing and embedding sand, C.I. rain water pipes in the masonry surrounded with 12mm thick cement mortar of the same mix as that of masonry. (A) 75 mm dia pipe.	Rmt	185.00
15015A	15.93	Providing and fixing on wall face asbestos cement rain water pipe including jointing with spun yarn soaked in bitumen and cement 1:2 (1-cement : 2-coarse sand complete.(B) 80 mm dia.	Rmt	0.00
15015B	15.93	Providing and fixing on wall face asbestos cement rain water pipe including jointing with spun yarn soaked in bitumen and cement 1:2 (1-cement : 2-coarse sand complete. (C) 100 mm dia.	Rmt	0.00
15016A	15.94	Providing and fixing for wall plugs and standard holder bat clamps comprising of two semicircular halves of flat iron and cast iron base screwed on wooden plugs. (B) 80 mm dia.	Each	41.90
15016B	15.94	Providing and fixing for wall plugs and standard holder bat clamps comprising of two semicircular halves of flat iron and cast iron base screwed on wooden plugs. (C) 100 mm dia.	Each	46.90
15017A1	15.95	Providing and fixing on wall face asbestos cement fittings for rain water pipe including jointing with spun yarn soaked in bitumen and cement mortar 1:2 (1:cement : 2-coarse sand) (A) Bend of required Degree. (3) 80mm dia. without door	Each	0.00
15017A2	15.95	Providing and fixing on wall face asbestos cement fittings for rain water pipe including jointing with spun yarn soaked in bitumen and cement mortar 1:2 (1:cement : 2-coarse sand)(A) Bend of required Degree. (5) 100mm dia. without door	Each	0.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
15017B1	15.95	Providing and fixing on wall face asbestos cement fittings for rain water pipe including jointing with spum yarn soaked in bitumen and cement mortar 1:2 (1:cement : 2-coarse sand) (B) Offsets 50mm (2) 80mm dia.	Each	0.00
15017B2	15.95	Providing and fixing on wall face asbestos cement fittings for rain water pipe including jointing with spum yarn soaked in bitumen and cement mortar 1:2 (1:cement : 2-coarse sand)(B) Offsets 50mm (3) 100mm dia.	Each	0.00
15017C1	15.95	Providing and fixing on wall face asbestos cement fittings for rain water pipe including jointing with spum yarn soaked in bitumen and cement mortar 1:2 (1:cement : 2-coarse sand)(C) Offsets 75mm.(2) 80mm dia.	Each	0.00
15017C2	15.95	Providing and fixing on wall face asbestos cement fittings for rain water pipe including jointing with spum yarn soaked in bitumen and cement mortar 1:2 (1:cement : 2-coarse sand)(C) Offsets 75mm.(3) 100mm dia.	Each	0.00
15017J1	15.95	Providing and fixing on wall face asbestos cement fittings for rain water pipe including jointing with spum yarn soaked in bitumen and cement mortar 1:2 (1:cement : 2-coarse sand)(J) Junction equal Angle.(3) 80mm dia. without door	Each	0.00
15017J2	15.95	Providing and fixing on wall face asbestos cement fittings for rain water pipe including jointing with spum yarn soaked in bitumen and cement mortar 1:2 (1:cement : 2-coarse sand) (J) Junction equal Angle.(5) 100mm dia without door	Each	0.00
15017K1	15.95	Providing and fixing on wall face asbestos cement fittings for rain water pipe including jointing with spum yarn soaked in bitumen and cement mortar 1:2 (1:cement : 2-coarse sand)(K) Junction equal double Angle.(3) 80mm dia. without door	Each	0.00
15017K2	15.95	Providing and fixing on wall face asbestos cement fittings for rain water pipe including jointing with spum yarn soaked in bitumen and cement mortar 1:2 (1:cement : 2-coarse sand)(K) Junction equal double Angle.(5) 100mm dia without door	Each	0.00
15017L1	15.95	Providing and fixing on wall face asbestos cement fittings for rain water pipe including jointing with spum yarn soaked in bitumen and cement mortar 1:2 (1:cement : 2-coarse sand)(L) Standard shoe.(2) 80mm dia.	Each	0.00
15017L2	15.95	Providing and fixing on wall face asbestos cement fittings for rain water pipe including jointing with spum yarn soaked in bitumen and cement mortar 1:2 (1:cement : 2-coarse sand)(L) Standard shoe.(3) 100mm dia.	Each	0.00
15019		Providing and Fixing 6 mm thick Lexan Polycarbonate multi wall roofing sheet fixed with hilti screw and rubber silicon sealer and alluminium strip of size 50 x 3 mm etc complete as directed by Engineer in charge.	Sqm	1685.00

CHAPTER- 16 CEILING & LINING

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
16001A	16.3	Providing and fixing wooden planks ceiling with tongued and grooved jointing and wood screws (frame work and cover fillings to be measured and laid for separately) (A) Indian Teak wood (i) 12mm thick (upto 10 ton)	Sqm	948.00
16001AA	16.3	Providing and fixing wooden planks ceiling with tongued and grooved jointing and wood screws (frame work and cover fillings to be measured and laid for separately) (A) Indian Teak wood (i) 12mm thick (more than 10 ton)	Sqm	
16001B	16.3	Providing and fixing wooden planks ceiling with tongued and grooved jointing and wood screws (frame work and cover fillings to be measured and laid for separately) (A) Indian Teak wood (ii) 20mm thick (upto 10 ton)	Sqm	1513.00
16001BA	16.3	Providing and fixing wooden planks ceiling with tongued and grooved jointing and wood screws (frame work and cover fillings to be measured and laid for separately) (A) Indian Teak wood (ii) 20mm thick (more than 10 ton)	Sqm	
16001C	16.3	Providing and fixing wooden planks ceiling with tongued and grooved jointing and wood screws (frame work and cover fillings to be measured and laid for separately) (A) Indian Teak wood (iii) 25mm thick (upto 10 ton)	Sqm	1873.00
16001CA	16.3	Providing and fixing wooden planks ceiling with tongued and grooved jointing and wood screws (frame work and cover fillings to be measured and laid for separately) (A) Indian Teak wood (iii) 25mm thick (more than 10 ton)	Sqm	
16002	16.3A	Deduct for butt jointing in place of touged and grooved type joint in item No.16.3	Sqm	23.80
16003A	16.4	Providing and fixing fibre insulations board lining with butt jointing and Nails (frame worked cover fillets to be measured and paid for separately) (i) 12mm thick	Sqm	250.00
16003B	16.4	Providing and fixing fibre insulations board lining with butt jointing and Nails (frame worked cover fillets to be measured and paid for separately) (ii) 18mm thick	Sqm	354.00
16003C	16.4	Providing and fixing fibre insulations board lining with butt jointing and Nails (frame worked cover fillets to be measured and paid for separately) (iii) 25mm thick	Sqm	448.00
16004A	16.13	Providing and plywood lining with but jointed and nails (frame work and cover fillets to be measured and paid for separately) (i) 6mm thick ply.	Sqm	255.00
16004B	16.13	Providing and plywood lining with but jointed and nails (frame work and cover fillets to be measured and paid for separately) (ii) 9mm thick ply.	Sqm	375.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
16005A	16.21	Providing and fixing plain asbestos sheet lining with butt jointing and wood screws (frame work and cover fillets to be paid for separately) (i) Class A-6 5mm thick (upto 10 ton)	Sqm	83.70
16005AA	16.21	Providing and fixing plain asbestos sheet lining with butt jointing and wood screws (frame work and cover fillets to be paid for separately) (i) Class A-6 5mm thick (more than 10 ton)	Sqm	
16005B	16.21	Providing and fixing plain asbestos sheet lining with butt jointing and wood screws (frame work and cover fillets to be paid for separately) (ii) Class B-5 5mm thick (upto 10 ton)	Sqm	83.70
16005BA	16.21	Providing and fixing plain asbestos sheet lining with butt jointing and wood screws (frame work and cover fillets to be paid for separately) (ii) Class B-5 5mm thick (more than 10 ton)	Sqm	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
16006		<p>Providing and fixing eco-friendly light weight calcium silicate false ceiling tiles having Tegular edge & 15 mm Thick Densified edges on the Tile Periphery for Extra Strength The Light weight calcium silicate ceiling tiles shall have , light reflection 85% non-combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity 0.043° w/m KC.for the best thermal Insulation . The Light weight calcium Silicate tile shall be of approved texture Fine fissured/ Spintone/Cosmos having NRC value of 0.5 & Globe having NRC value of 0.75 NRC or equivalent of size 595 X 595 mm to be laid on true horizontal level suspended inter locking metal grid of hot dipped galvanized steel sections (galvanizing @120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and size of 24X38mm made from 0.30 mm thick (minimum) sheet, 1200mm centre to centre, and cross 'T' of size 24X28mm made out of 0.33mm (Minimum) sheet spaced 1200mm along spaced between main 'T' at 600mm centre to centre to form agrid of 1200X600mm and secondary cross 'T' of length 600mm and size 24x28mm made of 0.30 mm thick (Minimum) sheet to be interlocked at middle of the 1200X600mm panel to form grid of size 600X600mm resting on periphery walls/partitions on a perimeter wall angle pre-coated steel of size (24X24X3000mm made of 0.40mm thick (minimum) sheet with the help of rawl plugs at 450mm centre to centre with 25mm long dry wall screws @ 230mm interval and laying 15mm thick Densified edges light weight calcium silicate ceiling tiles of approved texture (Fine Fissured/Cosmos/Spintone) in the grid including, cutting /making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required, Main 'T' runners to be suspended from ceiling using G.I. slotted cleats of size 25X35X1.6mm fixed to ceiling with 12.5mm dia and 50mm long dash fasteners, 4mm G.I. adjustable rods with galvanized steel level clips of size 85X30X0.8mm, spaced at 1200mm centre to centre long main 'T' bottom exposed with 24mm of all T-sections shall be pre-painted with polyester baked paint, for all heights, as per specifications, drawings and as directed by engineer-in-charge.Note:- Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/opening (cut outs) having area less than 0.30 sqm. The calcium silicate ceiling tiles shall have NRC. Value of 0.50 (Minimum) for Fine fissured/Spintone/Cosmos and 0.75 NRC for Globe, light reflection 85% non-combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity. 0.043° w/m KC.for the best thermal Insulation</p>	Sqm	1727.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
16007		Providing and fixing single layer waterproof gypusm board 12.5 mm thick of the make Newgood Group Co. Ltd. or equivalent & Newgood Group Co. Ltd. company sections using waterproof board of size 1220 mm x 1830 mm x 8.0 mm suspended by G.I suapender of size 25 mm x 3 mm with intermediate channel of size 18 mm x 40 mm x 0.80 mm at 1220 mm center to center ceiling section of size 40 mm x 35 mm x 0.55 mm at 457 mm center to center and perimetre chanel A of size 20 mm x 27 mm x 30 mm x 0.50 mm at edges & drops including paper tap sand sofit cleat, anchor fastener, scoch bolt connecting cleat joining compound top coat on ceiling including making necessary opening for light fitting, diffuser etc. complete as per detail drawing as directed.	Sqm	704.00

CHAPTER- 17 PLASTERING & POINTING

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
17001A	17.58	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (i)Cement mortar 1:3 (1-cement:3-sand)	Sqm	81.10
17001B	17.58	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand)	Sqm	73.20
17001C	17.58	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (iii) Cement mortar 1:6 (1-cement:6-sand)	Sqm	65.00
17002A	17.6	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand)	Sqm	108.00
17002B	17.6	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand)	Sqm	96.50
17002C	17.6	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (iii) Cement mortar 1:6 (1-cement:6-sand)	Sqm	84.70
17003A	17.61	Providing 20mm thick cement plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand)	Sqm	138.00
17003B	17.61	Providing 20mm thick cement plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand)	Sqm	122.00
17003C	17.61	Providing 20mm thick cement plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in (iii) Cement mortar 1:6 (1-cement:6-sand)	Sqm	106.00
17004	17.69	Extra over items 58 to 64 for finishing with a floating coat of neat cement slurry. (upto 10 ton)	Sqm	30.30
17004A	17.69	Extra over items 58 to 64 for finishing with a floating coat of neat cement slurry. (more than 10 ton)	Sqm	
17005	17.7	(A) Extra over items 58 to 67 for providing and mixing water proofing materials in cement mortar in proportion recommended by the manufacturer.	Per bag of 50Kg of Cement	57.60
17006	17.91	Extra over items 58 to 71 for plastering on ceilings and soffits of stairs upto floor two level instead of plastering on walls.	Sqm	15.60

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
17007A	17.94	Extra over items 1 to 69, 71 to 87 and 90 for interior plastering above floor two level for every additional storey height. (1) Single coat plaster	Sqm x No. of storey	14.30
17007B	17.94	Extra over items 1 to 69, 71 to 87 and 90 for interior plastering above floor two level for every additional storey height.(2) Two coat plaster	Sqm x No. of storey	16.30
17007C	17.94	Extra over items 1 to 69, 71 to 87 and 90 for interior plastering above floor two level for every additional storey height. (3) Floating coat of neat cement	Sqm x No. of storey	2.90
17008	17.93	Extra over item 91 for plastering on ceiling and soffits of stairs above floor two level for every additional storey height.	Sqm	13.10
17009	17.95	20mm thick sand faced cement plaster on walls upto height 10 metres above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1-cement : 3-sand) and 8mm thick finishing coat of C.M. 1:1 (1-cement : 1-sand) etc. complete.	Sqm	189.00
17010A	17.116	Pointing on brickwork with cement mortar 1:3 (1-cement : 3-coarse sand) (A) Flush pointing	Sqm	57.20
17010B	17.116	Pointing on brickwork with cement mortar 1:3 (1-cement : 3-coarse sand) (B) Ruled pointing	Sqm	59.30
17011A	17.117	Pointing on brickwork with cement mortar 1:4 (1-cement : 4-coarse sand)(A) Flush pointing	Sqm	55.10
17011B	17.117	Pointing on brickwork with cement mortar 1:4 (1-cement : 4-coarse sand) (B) Ruled pointing	Sqm	57.20
17012A	17.14	Pointing on coursed stone masonry with cement mortar 1:3 (1-cement : 3-coarse sand) (A) Flush pointing	Sqm	52.40
17012B	17.14	Pointing on coursed stone masonry with cement mortar 1:3 (1-cement : 3-coarse sand) (B) Ruled pointing	Sqm	54.00
17013A	17.144	Pointing on Uncoursed stone masonry with cement mortar 1:3 (1-cement : 3-coarse sand) (A) Flush pointing	Sqm	62.60
17013B	17.144	Pointing on Uncoursed stone masonry with cement mortar 1:3 (1-cement : 3-coarse sand)(B) Ruled pointing	Sqm	65.10
17014	17.154	Extra over item 17.112 to 17.151 for pointing on walls on the outside at height more than 10metres from ground level for every additional height of 5 metres of part there of.	Sqm	4.10
17015	0	Providing cement vata (10cm. x 10 cm. size) quarter round in cement mortar 1:1 including neat cement finishing, watering etc. complete.	Rmt	17.60
17017		Providing 20 mm thick double coat mala cement plaster on interior brick / concrete work for plastering comprising of base coat of 12 mm thick cement plaster in cement mortar (1 Cement : 4 coarse sand) in rough finishing and 8 mm thick top coat of cement mortar 1:2 (1 Cement : 2 Coarse sand) finished with trowel including scaffolding curing etc. complete.	Sqm	170.00

CHAPTER- 18 WHITE WASHING COLOR WASHING DISTEMPER;ING & OTHER FINISHING

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
18001	18.11	White washing with lime on wall surface (two coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust; mortar drops and other foreign matter.	Sqm	7.60
18002	18.12	White washing with lime on wall surface (one coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust; mortar drops and loose scales of lime wash and other foreign matter.	Sqm	3.50
18003	18.13	Extra over items 11 to 12 for every subsequent coat of white washing with lime on wall surface.	Sqm	3.50
18004	18.14	Extra over item 11 for white washing with lime on ceilings and/or sloping roofs.	Sqm	0.70
18005	18.15	Extra over Item 2 for white washing with lime on ceilings and sloping roofs.	Sqm	0.30
18006	18.16	Extra over Item 13 for every subsequent coat of white washing with lime on ceilings and/or sloping roofs.	Sqm	0.30
18007	18.17	Colour washing with lime on wall surface (two coats) over and including a primary coat of white washing to give an even shade after through brooming the surface to remove all dirt, dust, mortar drops and other foreign matter.	Sqm	7.70
18008	18.18	Colour washing with lime on wall surface (one coats) to give an even shade including throughly brooming the surface to loose scales of lime wash and other foreign matter.	Sqm	4.90
18009	18.19	Extra over item 17 to 18 for every subsequent coat of colour wash with lime on wall surface	Sqm	4.90
18010	18.2	Extra over Item 17 for colour washing on ceilings and/or sloping roofs.	Sqm	1.30
18011	18.21	Extra over items 18,19 for colour washing on ceilings and sloping roofs.	Sqm	1.30
18012	18.29	Cement washing with portland cement slurry on wall surface (one coat) to give a smooth finish including thoroughly broomings the surface to remove all dirt, mortar drops and other foreign Brand.	Sqm	7.20
18013	18.3	Extra over Item No. 29 for every subsequent coat of cement washing with port land cement slurry	Sqm	7.20
18014	18.33	Removing dry or oil bound distemper by a washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete.	Sqm	6.90
18015	18.34	Extra over item 33 for removing dry oil bound distemper on ceilings and sloping roofs.	Sqm	1.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
18016	18.38	Distempering with dry distemper of approved brand and manufacture (two coats) and of required shade on wall surfaces of given an even shade, over and including a priming coat of whitening after thoroughly brooming the surface free from mortar dropping and other foreign matter.	Sqm	30.70
18017	18.39	Distempering with dry distemper of approved brand and manufacture (One coats) and of required shade on wall surfaces of given an even shade, after thoroughly brushing the surface clean of all grease, dirt, loose pieces of scales including preparing the surface even and sand papered smooth.	Sqm	9.80
18018	18.4	Extra over Items No. 38 and 39 of every subsequent coat at distempering with dry distemper of approved brand and manufacture.	Sqm	9.00
18019	18.41	Extra over item 38 for distempering with dry distemper on ceilings and sloping roofs.	Sqm	4.00
18020	18.42	Extra over item 39,40 for distempering with dry distemper on ceilings and sloping roofs.	Sqm	1.00
18021	18.44	Distempering (Two coats) with oil bound distemper of approved brand and manufacture and of required shade on wall surfaces to give an even shade, over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar dropping and other foreign matter and also including preparing the surface even and sand papered smooth.	Sqm	45.90
18022	18.45	Distempering (Two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on wall surfaces to give an even shade, over and including a priming coat with alkali resistance primer of approved brand after thoroughly brushing the surface and other foreign matter and also including preparing the surface even and sand papered smooth.	Sqm	45.90
18023	18.46	Distempering (One coats) with oil bound washable distemper of approved brand and of required shade on wall surfaces to give an even shade, after thoroughly brushing the surface clean of all grease dirt, loose pieces of scales and also including distempering with oil bound washable distemper of preparing the surface even and smooth.	Sqm	17.30
18024	18.47	Extra over Item 44 to 46 for every subsequent coat of approved brand and manufacture.	Sqm	18.70
18025	18.48	Extra over Item 44,45 for distempering with oil bound washable distemper on ceiling and sloping roofs.	Sqm	5.00
18026	18.49	Extra over Item 46,47 for every subsequent coat of distempering on ceiling and sloping roofs.	Sqm	2.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
18027	18.51	Finishing wall with water proofing cement paint of on wall surfaces (Two coats) to give an approved brand and manufacture and of required shape even shade after thoroughly brushing the surface to remove all dirt and remains of loose powered materials.	Sqm	36.40
18028	18.53	Extra over Item 51 for every subsequent coat of water proofing cement paint of approved brand and manufacture.	Sqm	19.80
18029	18.54	Extra over item 51 for finishing with cement paint on ceiling and sloping roofs.	Sqm	4.00
18030	18.56	Extra over item 53 for every subsequent coat of finishing with cement paint on ceiling and sloping roofs.	Sqm	2.00
18031	18.57	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	Sqm	50.50
18032	18.59	Extra over item 57 for every subsequent coat of wall painting with plastic emulsion pain of approved brand.	Sqm	27.40
18033	18.6	Extra over item 57 for painting with plastic emulsion paint of approved brand on ceilings and sloping roofs.	Sqm	3.30
18034	18.62	Extra over item 59 for every subsequent coat of painting with plastic emulsion paint on ceiling and sloping roofs.	Sqm	1.30

CHAPTER- 19 PAINTING & POLISHING

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
19001	19.2	Applying priming coat over new steel and other metal surface after and including preparing the surface by thoroughly cleaning, oil, grease, dirt and other foreign matter and scoured with brushes fine steel wood, scrapers and sand paper with ready mixed priming paint brushing red lead.	Sqm	21.80
19002	19.7	Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint, brushing, interior to give an even shade including cleaning the surface an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sqm	55.20
19003	19.11	Painting one coats (excluding priming coat) on previously painted steel and other metal surface with enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sqm	34.60
19004	19.15	Extra over item 7 and 11 for every subsequent coat of paint	Sqm	38.90
19005	19.19	Painting two coats (excluding priming coat) on new steel and other metal surface with synthetic enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sqm	45.30
19006	19.21	Painting one coats (excluding priming coat) on previously printed steel and other metal surface with synthetic enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sqm	27.80
19007	19.23	Extra over item 19 and 21 for every subsequent coat of paint.	Sqm	34.70
19008B	19.5	Painting two coats (excluding priming coat) on external surface of new rain water, soil, waste and vent pipes and fittings with ready mixed bituminous brushing, black, anticorrosive to give an even shade including cleaning of all dirt, dust and other foreign matter. (B) 75mm dia	Sqm	12.70
19008C	19.5	Painting two coats (excluding priming coat) on external surface of new rain water, soil, waste and vent pipes and fittings with ready mixed bituminous brushing, black, anticorrosive to give an even shade including cleaning of all dirt, dust and other foreign matter. (C) 100mm dia	Sqm	15.90
19009B	19.59	Applying priming coat over new wood and wood based surface after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting. (B) Ready mixed paint brushing wood primer pink.	Sqm	25.20
19009C	19.59	Applying priming coat over new wood and wood based surface after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting. (C) Ready mixed paint brushing priming for enamel	Sqm	25.20
19010B	19.62	Extra over item 59 for every subsequent coat of priming coat. (B) Ready mixed paint brushing wood primer pink.	Sqm	28.10

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
19010C	19.62	Extra over item 59 for every subsequent coat of priming coat. (C) Ready mixed paint brushing priming for enamel	Sqm	28.10
19011	19.71	Painting two coats (excluding priming coat) on new wood and wood based surface with enamel paint, interior to give an even shade including cleaning the surface of all dirt, dust and other foreign matter sand papering and stopping.	Sqm	55.50
19012	19.73	Painting one coats (excluding priming coat) on previously painted wood and wood based surface with enamel paint, to give an even shade including cleaning the of all dirt, dust and other foreign matter.	Sqm	34.80
19013	19.75	Extra over item 71 and 73 for every subsequent coat of paint.	Sqm	38.90
19014	19.77	Painting two coats (excluding priming coat) on new wood and wood based surface with ready mixed paint, brushing, oil, gloss, semi gloss to give and even shade including cleaning of all dust, dirt and other foreign matter sand papering and stopping.	Sqm	66.40
19015	19.84	Varnishing two coats (excluding priming coat) on new wood and wood based surface under coating with flatting varnish and finished coat with varnish to give an even surface including cleaning the surface of all dirt, dust and sand papering so as to produce a smooth dry surface.	Sqm	33.70
19016	19.86	Extra over item 84 for every subsequent coat of varnish.	Sqm	19.60
19017	19.87	Polishing with french polish on new wood and wood based surface to give an even surface including cleaning, the surface of all dirt, dust and sand papering smooth and including a coat of wood filler.	Sqm	78.40
19018	19.88	Polishing with french polish on previously polished wood and wood based surface to give an even surface including cleaning, the surface of all dirt, dust and sand papered smooth and including a coat of wood filler.	Sqm	52.30
19019	19.91	Applying wax polish on new wood and wood surface with bees wax polish in proportion of 2:1.5 :1:0.5 (2-Bees wax : 1.5 Linseed oil : 1- Turpentine even surface including cleaning the surface of all dirt dust and sand papered smooth.	Sqm	40.80
19020	19.92	Applying wax polish on previously wax polished wood and wood based surface with bees wax polish in proportion of 2:1.5 :1:0.5 (2-Bees wax : 1.5 Linseed oil : 1- Turpentine : 0.5 varnish by weight to give an even surface including cleaning the surface of all dirt dust and sand papered smooth.	Sqm	22.60
19021	19.98	Coat tarring two coats on new wood and wood based surfaces using 0.16 and 0.12 Litres of coal tar par Sq.M. in the first and second coat respectively to give an even shade including cleaning of all dirt, dust and other foreign matter.	Sqm	20.90

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
19022	19.1	Extra over item 19.98 or every subsequent coat of painth	Sqm	15.80
19023A	19.11	Writing letter or figures on any surface with black japan paint (stops,comas, hyphens and the like not to be measured and paid for separately)(i) Block (Letters/Figures) (Per 10 Letter pet CM.HT)	Per Letter Per Cm/Ht.	2.00
19023B	19.11	Writing letter or figures on any surface with black japan paint (stops,comas, hyphens and the like not to be measured and paid for separately) (ii) Indian (Letters/Figures)	Per Letter Per Cm/Ht.	2.10
19024A	19.121	Extra over items 19.119 for using thick white paint instead of black japan paint. (i) Block (Letters/Figures)	Per Letter Per Cm/Ht.	0.10
19024B	19.121	Extra over items 19.119 for using thick white paint instead of black japan paint. (ii) Indian (Letters/Figures)	Per Letter Per Cm/Ht.	0.10
19025A	19.126	Painting lines, deashes, arrows, letters etc on roads, Air fields and like in two coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (i) Over 10cm in width	Sqm	78.00
19025B	19.126	Painting lines, deashes, arrows, letters etc on roads, Air fields and like in two coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (ii) Upto 10 cm in width	Rmt	8.20
19026A	19.127	Painting lines, deashes, arrows, letters etc on roads, Air fields and like in one coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (i) Over 10cm in width	Sqm	34.60
19026B	19.127	Painting lines, deashes, arrows, letters etc on roads, Air fields and like in one coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (ii) Upto 10 cm in width	Sqm	3.60
19031		Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete	sqm	72.00
19032		Applying two coats of Birla (white cement based) or Asian (acrylic lapy- putty) or equivalent & two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth.	sqm	47.40

CHAPTER- 20 DEMOLITION & DISMANTLING

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
20001A	20.1	Demolition and disposal of unserviceable materials with all lead and lift.(i) Lime concrete.	cu.m	324.00
20001B	20.1	Demolition and disposal of unserviceable materials with all lead and lift.(i) Lime concrete.	cu.m	373.00
20002	20.3	Demolition including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work	cu.m	648.00
20003A	20.11	Demolition of Brick work and stone masonry including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. (i) In Lime Mortar.	cu.m	224.00
20003B	20.11	Demolition of Brick work and stone masonry including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(ii) In Cement Mortar.	cu.m	337.00
20004	20.21	Demolition of terrace including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(i) Brick tile covering.	Sqm	39.10
20005	20.23	Dismantling tiled of stone floors laid in mortar including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	Sqm	29.40
20006	20.25	Dismantling of wooden floors including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	Sqm	44.00
20007A	20.27	Dismantling of sheet roofing including ridges, Hips, Valleys, Gutters etc. stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(i) G.I.sheet roofing.	Sqm	29.40
20007B	20.27	Dismantling of sheet roofing including ridges, Hips, Valleys, Gutters etc. stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(ii) A.C. sheet roofing.	Sqm	32.70
20008	20.28	Dismantlings manglore of country tile roofing with battens boarding etc. including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(ii) A.C. sheet roofing.	Sqm	53.60
20009	20.3	Dismantlings cement asbestos hard board in ceiling or partition walls, wooden trellies work including trellies work including frames ,stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	Sqm	29.30
20010	20.35	Dismantling wood work, wrought framed and fixed in frames trusses including stacking the materials with all lead and lift.	cu.m	1076.00
20011	20.39	Dismantling expanded metal or I.R.C Fabric with necessary battens and beadings including frame work, and stacking the serviceable materials with all lead and lift.	Sqm	34.20

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
20012	20.43	Dismantling steel work including distempering and stacking the materials with all lead and lift.	Kg	2.30
20013A	20.49	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(i) Not exceeding 3 Sq.M. in area.	Each	115.00
20013B	20.49	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(ii) Exceeding 3 Sq.M. in area.	Each	154.00
20014	20.51	Dismantling barbed wire in fencing including making rolls and also including dismantling fencing posts including all earth work concrete in base and making good the disturbed ground stacking useful materials as directed and disposing as directed and disposing of the unserviceable materials with all lead and lift.	Rmt	40.80
20015	20.56	Dismantling C.I. pipes G.S.W.pipes abd A.C. rain water pipes with fittings and clamps including stacking the materials with all lead and lift (for any dia, of pipe)	Rmt	45.90
20016	0	Dismantling sanitary fittings like wash basin . W.C. pan Indian and European type, flushing tank etc. including stacking the materials with all lead and lift.	Each	248.00
20017	0	Scraping oil paint from steel and other metal surface and making the surface even (with Hand Scraping.)	Sqm	31.00
20040		Providing and fixing 15 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 12 mm wide expansion joint	Rmt	11.40
20041		Providing and fixing 25 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 20 mm wide expansion joint	Rmt	19.00
20042		Providing and fixing 30 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 25 mm wide expansion joint	Rmt	20.50
20043		Providing and fixing 50 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 40 mm wide expansion joint	Rmt	56.80

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
20044		Providing and fixing 60 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 50 mm wide expansion joint	Rmt	77.10
20045		Removing and scraping of old deteriorated plaster of any thickness from wall / R.C.C member including stacking of serviceable material and disposal of unserviceable from site of work with all lead and lift	Sqm	11.90
20046		Providing and fixing of Corner Angle for Various Flashing in 100mm x 100mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.	sqm	479.00
20047		Providing and fixing of Corner Angle for Various Flashing in 150mm x 150mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.	sqm	482.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
20048		Providing and fixing PUF Insulated continuous sandwich panels for roofs of total thickness not less than 30 mm made out from continue line method.Panel shall have 0.5 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated in shape for GI and PU foam both material.The crest height of the panel shall be of 35mm minimum wiht 250mm c/c pitch. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of 120 gsm as per IS:277 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have protective guard film of minimum 25 microns to avoid scratches wihile trasportation.The roof panels are laid over a frame work of trusses, columns and purlins fixed using 90mm self drilling bolt with rubber washer including all types of flashings. PU Foam must be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+, - 2 Kgs) including 0.25mm craft paper edging,self tapping screws of required length and nos.etc complete as per structural design and direction of Engineer-in-charge.	Sqm	2799.00
20049		Providing and fixing PUF Insulated continuous sandwich panels for roofs of total thickness not less than 30 mm made out from continue line method.Panel shall have 0.35 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated in shape for GI and PU foam both material.The crest height of the panel shall be of 35mm minimum wiht 250mm c/c pitch. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of 120 gsm as per IS:277 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have protective guard film of minimum 25 microns to avoid scratches wihile trasportation.The roof panels are laid over a frame work of trusses, columns and purlins fixed using 90mm self drilling bolt with rubber washer including all types of flashings. PU Foam must be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+, - 2 Kgs) including 0.25mm craft paper edging,self tapping screws of required length and nos.etc complete as per structural design and direction of Engineer-in-charge.	Sqm	2530.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
20050		Providing and fixing PUF Insulated continuous sandwich panels for walls of total thickness not less than 50 mm and width 1.0 m made out from continue line method on automatic plant.Panel shall have 0.5 mm thick pre coated GI sheet on both side of Polyurethane Foam confirming to IS 12436:1988.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation.The panels shall be vertically joined together by tongue and groove joints. The PU Foam shall be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+, - 2 Kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel frame structure with minimum 5mm thick self tapping GI screws of required length and nos. with minimum spacing of 300 mm c/c.	Sqm	2811.00
20051		Providing and fixing PUF Insulated continuous sandwich panels for walls of total thickness not less than 50 mm and width 1.0 m made out from continue line method on automatic plant.Panel shall have 0.35 mm thick pre coated GI sheet on both side of Polyurethane Foam confirming to IS 12436:1988.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation.The panels shall be vertically joined together by tongue and groove joints. The PU Foam shall be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+, - 2 Kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel frame structure with minimum 5mm thick self tapping GI screws of required length and nos. with minimum spacing of 300 mm c/c.	Sqm	2500.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
20052		Providing and fixing PUF Insulated continuous sandwich panels for walls of total thickness not less than 40 mm and width 1.0 m made out from continue line method on automatic plant.Panel shall have 0.5 mm thick pre coated GI sheet on both side of Polyurethane Foam confirming to IS 12436:1988.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation.The panels shall be vertically joined together by tongue and groove joints. The PU Foam shall be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+, - 2 Kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel frame structure with minimum 5mm thick self tapping GI screws of required length and nos. with minimum spacing of 300 mm c/c.	Sqm	2732.00
20053		Providing and fixing PUF Insulated continuous sandwich panels for walls of total thickness not less than 40 mm and width 1.0 m made out from continue line method on automatic plant.Panel shall have 0.35 mm thick pre coated GI sheet on both side of Polyurethane Foam confirming to IS 12436:1988.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation.The panels shall be vertically joined together by tongue and groove joints. The PU Foam shall be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+, - 2 Kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel frame structure with minimum 5mm thick self tapping GI screws of required length and nos. with minimum spacing of 300 mm c/c.	Sqm	2420.00
20054		Structural steel work (Confirming to IS 4923-1997) riveted, bolted or welded in builtup for all type sections, in framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete as per the structural designs and directions of Engineer in charge.Column (122 x 61 x 3.6mm)	kg	115.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
20055		Providing and fixing of Bottom and top U track for closing of end joints for cut PUF panels of size of 52mm x 30mm with 5mm lipping on Both edges. The U track shall be made out of 1 mm thick pre coated GI sheet.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall roof panels and plinth with Expandable fastners with minimum spacing of 450 mm c/c. The Utrack shall be fixed	Rmt	388.00
20056		Providing and fixing of Bottom and top U track for closing of end joints for cut PUF panels of size of 42mm x 30mm with 5mm lipping on Both edges. The U track shall be made out of 1 mm thick pre coated GI sheet.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall roof panels and plinth with Expandable fastners with minimum spacing of 450 mm c/c. The Utrack shall be fixed	Rmt	359.00
20057		Providing and fixing of Ridge flashing for roof panel shall be made out of 0.5 mm thick pre coated GI sheet . The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The ridge shall be fixed to the steel members by pop rivet or self drilling/self stitching fastners @ maximum 450 mm c/c along length of capping/flashing etc complete .	Rmt	490.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
20057A		Providing and fixing of Ridge flashing for roof panel shall be made out of 0.5 mm thick pre coated GI sheet . The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The ridge shall be fixed to the steel members by pop rivet or self drilling/self stitching fasteners @ maximum 450 mm c/c along length of capping/flashing etc complete .	Sqm	817.00
20058		Providing and fixing of end cap of Roofing panel. The End Cap track shall be made out of 0.5 mm thick pre coated GI sheet suitable for 30mm thick panel.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.	Rmt	477.00
20059		Providing and fixing of end cap of Roofing panel. The End Cap track shall be made out of 0.5 mm thick pre coated GI sheet suitable for 40mm thick panel.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.	Rmt	428.00
20060		Providing and fixing of Corner Angle for Various Flashing in 25mm x 25mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.	Rmt	311.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
20061		Providing and fixing of Corner Angle for Various Flashing in 50mm x 50mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.	Rmt	350.00
20062		Providing and fixing of Corner Angle for Various Flashing in 100mm x 100mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.	Rmt	481.00
20063		Providing and fixing of Corner Angle for Various Flashing in 150mm x 150mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c.	Rmt	551.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
20064		Preparing and applying of water soluble, nonflammable, reactive and penetrative silane nanotechnology with water (<1000 ppm TDS) in the ratio of 1 liter silane :20 liter water mixed with 0.5 liter acrylic copolymer polymer compatible and stable in silane solution. Take 1 liter of silane nanotechnology and add in 20 liter water in drum under manual stirring and then add 0.5 liter acrylic copolymer under manual stirring and mix completely. Spray apply the solution at the rate of 1 liter per sqm on horizontal and 0.5 liter per sqm on vertical new or old cementitious / concrete surface . (For very dense concrete of M50 and above for bridges may not absorb 1 liter per sq meter so reduce the water of dilution to 1:10)Horizontal Surface	sqm	91.70
20064A		Preparing and applying of water soluble, nonflammable, reactive and penetrative silane nanotechnology with water (<1000 ppm TDS) in the ratio of 1 liter silane :20 liter water mixed with 0.5 liter acrylic copolymer polymer compatible and stable in silane solution. Take 1 liter of silane nanotechnology and add in 20 liter water in drum under manual stirring and then add 0.5 liter acrylic copolymer under manual stirring and mix completely. Spray apply the solution at the rate of 1 liter per sqm on horizontal and 0.5 liter per sqm on vertical new or old cementitious / concrete surface . (For very dense concrete of M50 and above for bridges may not absorb 1 liter per sq meter so reduce the water of dilution to 1:10)Vertical Surface	sqm	49.00

CHAPTER- 21 REPAIRS TO BUILDING

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
21001	21.8	Providing and fixing M.S. fan clamps of shape and size as specified in existing R.C.C. slab including cutting chase and making good.	Each	106.00
21002	21.23	Cutting out cracks of roof terrace to V- section , cleaning out, wetting , grouting with cement and sand slurry 1:3 (1-cement 3-sand) (upto 10 ton)	Rmt	41.00
21002A	21.23	Cutting out cracks of roof terrace to V- section , cleaning out, wetting , grouting with cement and sand slurry 1:3 (1-cement 3-sand) (more than 10 ton)	Rmt	
21003	21.24	Cutting out cracks roof terrace to V-Section cleaning out and filling solidly with a hot mixture of bitumen and clean dry sand (1:1 by weight) (upto 10 ton)	Rmt	47.20
21003A	21.24	Cutting out cracks roof terrace to V-Section cleaning out and filling solidly with a hot mixture of bitumen and clean dry sand (1:1 by weight) (more than 10 ton)	Rmt	

CHAPTER- 22 MISCELLANEOUS BUILDING ITEM

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
22001	22.2	Providing and fixing 1.20 Metre high fencing with 2.0 Metre long M.S. Angle posts 40mm x 40 mm x 6 mm and oil painting 3 coats fixed at 2.5 Mt./c. with five Horizontal lines and two diagonals of galvanised steel barbed wire weighting 9.38 Kg. per 100 Metre, strained and fixed to posts with G.I. staples including fixing the posts in ground with 0.5 M x 0.5 M x 0.5 M. block in C.C. 1:5:10 etc complete.	Rmt	310.00
22002	0	Construction of B.B. masonry paniyara 23cm. x 75cm. wall and 15cm x 15cm curbing including fixing precast R.C.C. marble mosaic (Terrazo) slab of 75mm thickness on top and smooth finishing in cement plaster in C.M. 1:3 curing etc. complete including drainage out waste water arrangements.	Rmt	1249.00
22003	0	Constructing a sink (chowkedi) with C.C. 1:2:4, 12cm. thick over B.B. masonry in C.M. (1:6) in front and dwarf wall 1.0 Mt. high and 23 cm. thick cement plaster to masonry / in C.M. 1:3 and cement concrete flooring in 1:2:4: 150 mm x 5 cm. dia. drain pipe etc. complete.	Rmt	1461.00
22004A	0	Constructing a cooking platform 60 cm. width and 70 cm high resting on B.B. Masonry walls 23 cm. thick in C.M. (1:6) with (i) Fixing or precast R.C.C. 1:2:4) 8 cm. thick slab with marble chips set in C.M. (1:6) (6mm thick terrazo) with plastering on exposed faces walls in C.M. (1:4) etc complete.	Rmt	1734.00
22004B	0	Constructing a cooking platform 60 cm. width and 70 cm high resting on B.B. Masonry walls 23 cm. thick in C.M. (1:6) with (ii) Fixing black kadappa stone 30mm thick laid on precast R.C.C. (1:2:4) slab with plastering on exposed faces of wall in C.M. (1:4) etc complete.	Rmt	1912.00
22005	0	Carring out timber treatment to all wood work including drilling holes and spraying oil based chemical solution on surface of timber work for termite control including labour and material etc. complete. Using Chlordene 20 EC. As Per 6113_part III Concentration Weight 1.00 percent is recommended one litre chemical emulsion dilute with 9 liter of kerosene present concentration. Total dilute concentration will be 10 litre inclusive of the litre chemical emulsion application 0.75 / Litre chemical per one Sqmt printed two coat wood surface.	Smt	36.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
22006	0	Applying general insecticide pest control treatment to floors, cupboards etc including labour material etc. complete. Using Heptachloride 20 EC. As Per 6113_pests Concentration Weight 0.50 percent is recommended one litre chemical emulsion dillute with 39 liter of water will give. Total dillute concentration will be 40 litre inclusive of one litre chemical emulsion appication 0.5 Litre chemical / Sqm of surface is recommended as per I.S	Smt	67.80
22007	0	Carring out plinth treatment to post construction / existing structure by spraying chemical solution for termite control treatment including labour and material consistment with I.S.I specification. Using Chlordene and Chiopurfiles 20 EC. As Per 6131_paret-II Concentration Weight one percent is recommended i.e one litre 20 EC chemical emulsion with 19 liter give 1 % concentration inclusive of one litre chemical emulsion appication at the rate of 5 Litre chemical / Sqm of surface is recommended as per I.S	Smt	134.00
22008	0	Carrying out wall treatment for termite control including spraying with chemical solution in oil base (0.5 Lit./ Sq.M.) including labour and material Using Hepachlor concentration 20 EC. As Per IS. 6316_paret-II Concentration by Weight 0.50 percent is recommended i.e one litre chemical emulsion dillute with 39 liter of IS concentration total dillite concentration will be 40 litre inclusive of one litre chemical emulsion appication at the rate of 7.5 Litre chemical / Sqm of surface is recommended as per I.S	Smt	26.60
22009	0	Providing and fixing Rajula stone 75mm thick 60mm x 45mm size including fixing in cement mortar as directed.	Smt	89.80
22010	0	Providing and laying bilimora type Brick facing in C.M. 1:1 laid over bedding of cement mortar 1:3 (20mm thickness) including clearing watering scaffolding etc. complete. (upto 10 ton)	Smt	521.00
22010A	0	Providing and laying bilimora type Brick facing in C.M. 1:1 laid over bedding of cement mortar 1:3 (20mm thickness) including clearing watering scaffolding etc. complete. (more than 10 ton)	Smt	
22011	0	Providing and fixing Teak wook rail of 60mm x 20mm size and 50cm. length including 3 coats of oil paint to wood work with set of 3 pags.	Rmt	61.90
22014		Providing erecting and fixing double coated Syntex PVC. (ISI) water tank of required capacity each with all necessary fittings and connection etc. complete on terrace.	litre	4.60

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
22015		Providing and mixing Migratory Corrosion Admixture POLYALK CP 293 having Specific Gravity 1.01 to 1.04, pH value (Minimum 9.50) shall be alkaline in nature and having bipolar concrete penetrating corrosion inhibiting properties, inhibitor shall be non-nitrite based & have the ability to provide corrosion protection to both anodic and cathodic sites on the steel surface, inhibitor-steel complex shall formed polydentate complexes, having more than one bond with steel per molecule of inhibitor, with steel surface to promote proper film formation with enhanced bond to steel, inhibiting the electro-chemical corrosion reaction, inhibitor shall not have any adverse effect on concrete compressive strength, inhibitor shall have a corrosion rate of zero coulombs per ASTM-G109-2005, admixture shall be conforming to IS 9103 and in liquid form at the rate of 3Kg per one cubic meter volume of concrete admixture shall be added to the water, during mixing of cement, sand & aggregates and at the same rate admixture shall be added in case of Ready Mix Concrete at plant site, mixing of admixture during mixing of cement, sand and aggregates OR at work site the admixture shall be added in Concrete Transit Mixer before pumping / placing of concrete etc. complete.	Cum	846.00
22016		Providing and mixing Migratory Corrosion Admixture POLYALK CP 293 having Specific Gravity 1.01 to 1.04, pH value (Minimum 9.50) shall be alkaline in nature and having bipolar concrete penetrating corrosion inhibiting properties, inhibitor shall be non-nitrite based & have the ability to provide corrosion protection to both anodic and cathodic sites on the steel surface, inhibitor-steel complex shall formed polydentate complexes, having more than one bond with steel per molecule of inhibitor, with steel surface to promote proper film formation with enhanced bond to steel, inhibiting the electro-chemical corrosion reaction, inhibitor shall not have any adverse effect on concrete compressive strength, inhibitor shall have a corrosion rate of zero coulombs per ASTM-G109-2005, admixture shall be conforming to IS 9103 and in liquid form at the rate of 5% by weight of cementitious materials, during mixing of cement & sand before grouting of cementitious materials etc. complete.	Kg	14.10
22017		Providing and fixing Resin Bonded Rock Wool of density 48 kg / cum as & where required as directed by Engineer-in-Charge. Rock Wool confirming to IS: 8183	Cum	3154.00
22018		Providing and fixing Vapour Breather Membrane Confirming to IBC 2009 on Exterior Cement Board as & Where directed by Engineer-in-Charge.	Sqm	198.00
22019		Providing and Laying of One side alluminium foil thermal bubble insulation barrier on the external side of the LWGS wall Panel under the Cement Board as & Where directed by Engineer-in-Charge.	Sqm	153.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
22020		Providing and Fixing 12 mm thick moisture & fire resistant heavy duty Cement Fibre Board (High pressure steam cured) Confirming to ISO 4862-2000 in wall panels of one face of cold formed galvanised light gauge steel frame structure to form wall / partition as & Where directed by Engineer-in-Charge	Sqm	819.00
22021		Supply & fixing factory finished cold formed Light guage steel frame sections confirming to SP:6 (5) 1980 at site or work including riveted, bolted or welded in builtup for all type of sections ,in framed work, cutting, hoisting, fixing in position and applying primer coat of approved steel primer etc. complete as per structural designs & directions of Engineer-in-charge.	Kg	134.00

CHAPTER- 23 WATER SUPPLY PLUMBING & SANITARY FITTING

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
23001A	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(A) 15mm (upto 10 ton)	Rmt	154.00
23001AA	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(A) 15mm (more than 10 ton)	Rmt	
23001B	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(B) 20mm (upto 10 ton)	Rmt	193.00
23001BA	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(B) 20mm (more than 10 ton)	Rmt	
23001C	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(C) 25mm (upto 10 ton)	Rmt	266.00
23001CA	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(C) 25mm (more than 10 ton)	Rmt	
23001D	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(D) 32mm (upto 10 ton)	Rmt	335.00
23001DA	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(D) 32mm (more than 10 ton)	Rmt	
23001E	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(E) 40mm (upto 10 ton)	Rmt	409.00
23001EA	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(E) 40mm (more than 10 ton)	Rmt	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
23001F	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(F) 50mm (upto 10 ton)	Rmt	532.00
23001FA	23.2	Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(F) 50mm (more than 10 ton)	Rmt	
23002A	23.4	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(A) 15mm (upto 10 ton)	Rmt	117.00
23002AA	23.4	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(A) 15mm (more than 10 ton)	Rmt	
23002B	23.4	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(B) 20mm (upto 10 ton)	Rmt	151.00
23002BA	23.4	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(B) 20mm (more than 10 ton)	Rmt	
23002C	23.4	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately) (C) 25mm (upto 10 ton)	Rmt	217.00
23002CA	23.4	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately) (C) 25mm (more than 10 ton)	Rmt	
23002D	23.4	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(D) 40mm (upto 10 ton)	Rmt	332.00
23002DA	23.4	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(D) 40mm (more than 10 ton)	Rmt	
23002E	23.4	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(E) 65mm (upto 10 ton)	Rmt	546.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
23002EA	23.4	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(E) 65mm (more than 10 ton)	Rmt	
23002H	23.4	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(H) 80mm (upto 10 ton)	Rmt	701.00
23002HA	23.4	Providing and laying in trenches galvanised mild steel tubes (Midium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(H) 80mm (more than 10 ton)	Rmt	
23003	23.6	Making connection of galvanised Mild steel distribution branch with galvanised mild steel main 50mm to 80mm nominal bore by providing and fixing tee including cutting and threading the pipes complete.	Each	562.00
23004A	23.8	Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(A) 20mm	Rmt	49.60
23004B	23.8	Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(B) 25mm	Rmt	64.10
23004C	23.8	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(C) 32mm	Rmt	77.50
23004D	23.8	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(D) 40mm	Rmt	105.00
23004E	23.8	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(E) 50mm	Rmt	150.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
23004F	23.8	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure polythene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(F) 75mm	Rmt	251.00
23004G	23.8	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(G)110 mm	Rmt	319.00
23005B	23.79	Providing and fixing cast iron spigot and socket soil, waste and ventilating pipes of the following nominal size.(B) 75mm dia. (upto 10 ton)	Rmt	813.00
23005BA	23.79	Providing and fixing cast iron spigot and socket soil, waste and ventilating pipes of the following nominal size.(B) 75mm dia. (more than 10 ton)	Rmt	
23005C	23.79	Providing and fixing cast iron spigot and socket soil, waste and ventilating pipes of the following nominal size.(C) 100mm dia. (upto 10 ton)	Rmt	979.00
23005CA	23.79	Providing and fixing cast iron spigot and socket soil, waste and ventilating pipes of the following nominal size.(C) 100mm dia. (more than 10 ton)	Rmt	
23006B	0	Providing and fixing in position cowel went to pipes.(B) 75mm dia.	Each	364.00
23006C	0	Providing and fixing in position cowel went to pipes.(C) 100mm dia	Each	494.00
23008	23.857	Providing and fixing cast iron (Spun) Nahni trap of the following nominal diameter of self cleaning design with C.I. screaad down or higned grating including cost of cutting and making good the walls and floor 100mm inlet and 50mm outlet.(C) 100mm dia.	Each	381.00
23009	23.111	Providing and fixing water closet squatting Pan (Indian type W.C. Pan) size 580mm (Earthwork, bed concrete, foot reste and trap to be measured and paid for separately) (A) Vitreous China.(I) Long pattern = White colour	Each	591.00
23010	23.112	Providing and fixing wsh down water closet (European type, W.C. Pan) with integral P or S trap including jointing the trap with soil pipe in Cement Mortar 1:1 (1-Cement : 1-fine sand) (Seal and cover to be measured and paid for separately)(A) vitreous China Pattern :(i) in white colour	Each	881.00
23011	23.113	Providing and fixing 100mm size P or S trap for water closet squatting pan including jointing the trap with the pan and soil pipe in cement Mortar 1:1 (1-Cement : 1-Fine sand)(A) Vitreous China.	Each	199.00
23012	23.114	Providing and fixing in Cement Mortar 1:3 (1-Cement : 3-coarse sand)a, pair of white vitreous China 250mm x 130mm x 30mm footrest to long pattern squatting pan water closet.	Each	86.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
23013	23.115	Providing and fixing 12.5 Litres low level flushing cistern with a pair, of C.I. or Mild brackets, complete with fittings such as lead valve less syphon, 15mm nominal size brass ball valve with polythene float, C.P brass handle unions and couplings for connections, with inlet, outlet and overflow pipes, 40mm dia. porcelain enamelled flush bend including cutting holes in walls and making good the same connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately)(A) Vitreous China (I) In white colour	Each	2084.00
23014	23.116	Providing and fixing 12.5 Litres high level C.I. flushing cistern with A pair of C.I. or Mild steel brackets, complete with fittings such as syplionic arrangement, 15mm nominal size brass ball valve with polythene float, lever G.I. China (60 cm.) and pull union and couplings for connections with inlet, outlet and overflow pipes etc. including cutting holes in walls and making good the same (overflow pipe to be measured and paid fo separately)	Each	1034.00
23015	23.117	Providing and fixing in position with clamps etc. 32mm nominal internal diameter galvanised steel tube flush pipe for high level flushing cistern including connecting the flush pipe with cistern and closet and making good the walls and floors.	Rmt	289.00
23016	23.12	Providing and fixing G.I. inlet connection for flush pipe with W.C. Pan	Each	24.50
23017	23.121	Providing and fixing plastic seat and cover for wash down water closer with C.P. brass hinges and rubber buffers. (B) Black plastic seal and cover.	Each	336.00
23018	23.127	Providing and fixing washbasin with single hole for pillar tap with C.I. or M.S. brackets painted white including sutting holes and making good the same but excluding fittings.(A) Vitreous China:(ii) Flat Back washbasin 550 mm x v 400mm size. (i) In white colour.	Each	947.00
23019	23.13	Providing and fixing Kitchen sink with C.I. or M.S. brackets, painted white including cutting holes in walls and making good the same but excluding fittings. (C) Vitreous China Sink.(i) 600mm x 450mm x 150mm size	Each	1941.00
23020A	23.135	Providing and fixing C.P. brass waste for washbasin or sink. (A) 32mmdia.	Each	78.50
23020B	23.135	Providing and fixing C.P. brass waste for washbasin or sink. (B) 40mm dia.	Each	103.00
23021A	23.136	Providing and fixing M.I. fisher union for washbasin or sink. (A) 32mm dia.	Each	86.10
23021B	23.136	Providing and fixing M.I. fisher union for washbasin or sink. (B) 40mm dia.	Each	97.60
23022	23.139	Providing and fixing 100mm sand cast iron grating for gully, floor or Nahni trap.	Each	43.10
23023	23.141	Providing and fixing C.P. brass shower rose with 15mm or 20mm inlet.(A) 100mm dia. Each	Each	325.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
23024	23.143	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixing to wooden pluge with C.P. brass screws and washers.	Each	582.00
23025	23.144	Providing and fixing C.P. brass towel rail comlete with C.P. brass brackets fixed to wooden plugs with C.P. brass scews.(B) 600mm x 20mm size.	Each	479.00
23026	23.145	Providing and fixing 600mm x 120mm glass shelf with C.P. brass bracket and guard rail complete mixed to wooden plug with C.P. brass screws.	Each	326.00
23027	23.146	Providing and fixing toilet paper holder.(A) C.P. Brass	Each	345.00
23028A1	23.92	Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap polished bright. (i) 15mm dia.	Each	216.00
23028A2	23.92	Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap polished bright. (ii) 20mm dia.	Each	248.00
23028B1	23.92	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (i) 15mm dia.	Each	216.00
23028B2	23.92	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (ii) 20mm dia.	Each	248.00
23028C1	23.92	Providing and fixing screw down bib taps of following size.(C) Gun metal screw down bib tap. (i) 15mm dia.	Each	183.00
23028C2	23.92	Providing and fixing screw down bib taps of following size.(C) Gun metal screw down bib tap. (ii) 20mm dia.	Each	205.00
23029A	23.95	Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts. (i) 15mm dia.	Each	356.00
23029B	23.95	Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts. (ii) 20mm dia.	Each	410.00
23030A	23.96	Providing and fixing brass screw down stop tap.(A) 15mm dia.	Each	237.00
23030B	23.96	Providing and fixing brass screw down stop tap.(B) 20mm dia.	Each	259.00
23030C	23.96	Providing and fixing brass screw down stop tap.(C) 25mm dia.	Each	255.00
23031A	23.99	Providing and fixing Gun metal check or non-return fullway wheel valve.(A) 15mm dia.	Each	216.00
23031B	23.99	Providing and fixing Gun metal check or non-return fullway wheel valve.(B) 20mm dia.	Each	235.00
23031C	23.99	Providing and fixing Gun metal check or non-return fullway wheel valve.(C) 25mm dia.	Each	485.00
23031D	23.99	Providing and fixing Gun metal check or non-return fullway wheel valve.(D) 32mm dia.	Each	363.00
23031E	23.99	Providing and fixing Gun metal check or non-return fullway wheel valve.(E) 40mm dia.	Each	775.00
23032A	0	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(i) 20mm dia.	Each	260.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
23032B	0	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(ii) 25mm dia.	Each	275.00
23032C	0	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(iii) 32mm dia.	Each	319.00
23033	23.122	Providing and fixing Urinal or approved quality including connecting the Urinal with waste pipe , tap etc. complete.(A) White earthenware flat back or corner type size 430mm x 260mm x 350mm.	Each	657.00
23034	23.124	Providing and fixing Urinal of approved quality including connection with trap and with integral longitudinal flush pipe.(A) Squating plate pattern white earthenware 550mm x 300mm.	Each	975.00
23035	23.134	Providing and fixing Rubber plug for sink or wash basin.	Each	20.00
23036	0	Providing and fixing chromium plated, bottle trap with necessary couplings of approved quality for wash basin.	Each	270.00
23037A1	0	Providing and fixing ball cock of approved. quality as directed.(A) Copper Metal (i) 25mm dia.	Each	154.00
23037A2	0	Providing and fixing ball cock of approved. quality as directed.(A) Copper Metal (ii) 50mm dia.	Each	219.00
23037B1	0	Providing and fixing ball cock of approved. quality as directed.(B) Abonite (i) 25mm dia.	Each	119.00
23037B2	0	Providing and fixing ball cock of approved. quality as directed.(B) Abonite (ii) 50mm dia.	Each	159.00
23038	0	Providing and fixing C.I. Manhole cover 0.60 M. x 0.45M. size having weight not less than 35Kg.	Each	1106.00
23039	0	Providing and fixing G.I. Rain water spout of 50mm dia. and 30cm. length.	Each	100.00
23055		Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete.[A] 15 mm.	Rmt	130.00
23056		Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [B] 20 mm.	Rmt	169.00
23057		Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [C] 25 mm.	Rmt	216.00
23058		Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [D] 32mm.	Rmt	303.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
23059		Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [E] 40mm.	Rmt	407.00
23060		Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [F] 50mm.	Rmt	632.00
23061		Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	84.90
23062		Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	107.00
23063		Providing laying and jointing in true line and level 32mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	139.00
23064		Providing laying and jointing in true line and level 40mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	173.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
23065		Providing laying and jointing in true line and level 50mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	229.00
23066		Providing, laying and jointing in true line and level 160 diameter U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 160 mm diameter x 210 mm length x 196 mm height at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	Rmt	918.00
23067		Providing, laying and jointing in true line and level 110 diameter U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diameter x 149 mm length x 145 mm height at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	Rmt	525.00
23068		Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 100 mm diameter with jali of the following nominal diameter of self cleansing design with C.I scribed down or hinged grating including the cost of cutting and making good the walls.	each	351.00
23069		Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 75 mm diameter with jali of the following nominal diameter of self cleansing design with C.I scribed down or hinged grating including the cost of cutting and making good the walls.	each	344.00

CHAPTER- 24 DRAINAGE & SEWERAGE ITEM

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
24001A	24.1	Providing and laying (to level or slopes) and jointing with stiff mixture of Cement Mortar in proportion 1:1 Selt glazed stoneware pipes including testing of pipes and joints complete.(A) 100mm dia. (upto 10 ton)	Rmt	162.00
24001AA	24.1	Providing and laying (to level or slopes) and jointing with stiff mixture of Cement Mortar in proportion 1:1 Selt glazed stoneware pipes including testing of pipes and joints complete.(A) 100mm dia. (more than 10 ton)	Rmt	
24001B	24.1	Providing and laying (to level or slopes) and jointing with stiff mixture of Cement Mortar in proportion 1:1 Selt glazed stoneware pipes including testing of pipes and joints complete.(B) 150mm dia. (upto 10 ton)	Rmt	232.00
24001BA	24.1	Providing and laying (to level or slopes) and jointing with stiff mixture of Cement Mortar in proportion 1:1 Selt glazed stoneware pipes including testing of pipes and joints complete.(B) 150mm dia. (more than 10 ton)	Rmt	
24002A	24.2	Providing and laying Cement concrete 1:5:10 (1-Cement : 5-Fine sand :10-Graded stone aggregate 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(A) 100 mm dia. (112 mm Ave.bed thickness)	Rmt	89.10
24002B	24.2	Providing and laying Cement concrete 1:5:10 (1-Cement : 5-Fine sand :10-Graded stone aggregate 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(B) 150mm dia. (166mm Ave. bed thickness)	Rmt	150.00
24003A	0	Providing and laying lime concrete 1:2:4 (1-Lime putty :2- Fine samd : 4-Graded brick aggregates 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(A) 100 mm dia. 300mm width (112 mm Ave.bed thickness)	Rmt	137.00
24003B	0	Providing and laying lime concrete 1:2:4 (1-Lime putty :2- Fine samd : 4-Graded brick aggregates 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(B) 150mm dia. 450mm width (166mm Ave. bed thickness)	Rmt	246.00
24004A1	24.17	Extra over item 24.1 for providing salt Glazed stoneware fittings.(i) Bends of required degree (any redious) of following nominal diameters. (A) 100mm dia. (upto 10 ton)	Each	35.30

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
24004A1 A	24.17	Extra over item 24.1 for providing salt Glazed stoneware fittings.(i) Bends of required degree (any redious) of following nominal diameters. (A) 100mm dia. (more than 10 ton)	Each	
24004A2	24.17	Extra over item 24.1 for providing salt Glazed stoneware fittings.(i) Bends of required degree (any redious) of following nominal diameters.(B) 150mm dia. (upto 10 ton)	Each	47.00
24004A2 A	24.17	Extra over item 24.1 for providing salt Glazed stoneware fittings.(i) Bends of required degree (any redious) of following nominal diameters.(B) 150mm dia. (more than 10 ton)	Each	
24004B	24.17	Extra over item 24.1 for providing salt Glazed stoneware fittings.(ii) Taper bend of required degree of following internal diameters.(A) 100mm x 150mm (upto 10 ton)	Each	86.70
24004BA	24.17	Extra over item 24.1 for providing salt Glazed stoneware fittings.(ii) Taper bend of required degree of following internal diameters.(A) 100mm x 150mm (more than 10 ton)	Each	
24004C1	24.17	Extra over item 24.1 for providing salt Glazed stoneware fittings.(iii) Single Junction of required angle of following internal diametr. (A) 100mm. (upto 10 ton)	Each	78.60
24004C1 A	24.17	Extra over item 24.1 for providing salt Glazed stoneware fittings.(iii) Single Junction of required angle of following internal diametr. (A) 100mm. (more than 10 ton)	Each	
24004C2	24.17	Extra over item 24.1 for providing salt Glazed stoneware fittings.(iii) Single Junction of required angle of following internal diametr. (B) 150mm. (upto 10 ton)	Each	140.00
24004C2 A	24.17	Extra over item 24.1 for providing salt Glazed stoneware fittings.(iii) Single Junction of required angle of following internal diametr. (B) 150mm. (more than 10 ton)	Each	
24005	24.18	Providing and laying jointing and pointing with stiff mixture of Cement Mortar 1:1 (1-Cement : 1-Fine sand) 150 mm internal diameter salt glazed stoneware half round channels. (upto 10 ton)	Rmt	136.00
24005A	24.18	Providing and laying jointing and pointing with stiff mixture of Cement Mortar 1:1 (1-Cement : 1-Fine sand) 150 mm internal diameter salt glazed stoneware half round channels. (more than 10 ton)	Rmt	
24006A	24.19	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps. (A) 100mm x 100mm size P type. (upto 10 ton)	Each	1328.00
24006AA	24.19	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps. (A) 100mm x 100mm size P type. (more than 10 ton)	Each	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
24006B	24.19	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps.(B) 150mm x 100mm size P or R type	Each	1194.00
24007B	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(B) 150mm (upto 10 ton)	Rmt	210.00
24007BA	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(B) 150mm (more than 10 ton)	Rmt	
24007C	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(C) 250mm (upto 10 ton)	Rmt	230.00
24007CA	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(C) 250mm (more than 10 ton)	Rmt	
24007D	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(D) 300mm (upto 10 ton)	Rmt	441.00
24007DA	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(D) 300mm (more than 10 ton)	Rmt	
24007E	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(E) 450mm (upto 10 ton)	Rmt	788.00
24007EA	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(E) 450mm (more than 10 ton)	Rmt	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
24007F	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(F) 500mm (upto 10 ton)	Rmt	907.00
24007FA	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(F) 500mm (more than 10 ton)	Rmt	
24007G	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(G) 600mm (upto 10 ton)	Rmt	1055.00
24007GA	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(G) 600mm (more than 10 ton)	Rmt	
24007H	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(H) 900mm (upto 10 ton)	Rmt	1920.00
24007HA	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(H) 900mm (more than 10 ton)	Rmt	
24007K	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(K) 1000mm (upto 10 ton)	Rmt	2178.00
24007KA	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(K) 1000mm (more than 10 ton)	Rmt	
24007M	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(M) 1200mm (upto 10 ton)	Rmt	2506.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
24007MA	24.22	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(M) 1200mm (more than 10 ton)	Rmt	
24008A	24.27	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3-coarse sand :6-Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:5 (1-Cement : 5-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1-Cement: 5-Coarse sand) (1) A type depth 0.90 Metre for 150mm diameter sewer.	Each	9120.00
24008B	24.27	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3-coarse sand :6-Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:5 (1-Cement : 5-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1-Cement: 5-Coarse sand) (2) B type depth 1.50 Metre for 150mm diameter sewer.	Each	16186.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
24008C	24.27	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3-coarse sand :6-Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:5 (1-Cement : 5-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1-Cement: 5-Coarse sand) (3) C type depth 2.25 Metre for 150mm diameter sewer.	Each	19691.00
24008D	24.27	(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5-Coarse sand) (4) D type depth 3.15 Metre for 150mm diameter sewer.	Each	25207.00
24009A	24.28	(I) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. or Part thereof over item No.24.27 (I) for depth from 0.9M to 1.5M.	Each	442.00
24009B	24.28	(II) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. GR Part thereof over item No.24.27 (I) for depth from 1.50M. to 2.25M.	Each	338.00
24009C	24.28	(III) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. or Part thereof over item No. 24.27 (III) for depth from 2.25M to 3.15M.	Each	457.00
24009D	24.28	(IV) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. or Part thereof over item No. 24.27 (IV) for depth above 3.15M.	Each	570.00
24010	24.33	Providing and fixing cast iron steps of size 500mm x 150mm x 22.5mm and painting with two coats of Anti-corrosive paint etc. complete.	Each	177.00
24011	24.35	Supplying and fixing C.I. cover 300mm x 300mm without frame for Gulley trap (Standard pattern) te weight of cover to be not less 4.53 Kg.) (upto 10 ton)	Each	553.00
24011A	24.35	Supplying and fixing C.I. cover 300mm x 300mm without frame for Gulley trap (Standard pattern) te weight of cover to be not less 4.53 Kg.) (more than 10 ton)	Each	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
24012	24.39	Providing and erecting at the site of work steel ventilating column of 150m internal diameter and 12.20 Metre High from G.L. to bottom of top grill including C.I. grill and base plate bolts and nuts etc. and excavation in foundation of size 120cm. x 120vc. x 165cm. and filling the pit with first layer of cement concrete 1:3:6 mix (1-cement :3-coarse sand :6-graded stone aggregate 20mm nominal size) of 120cm. x 120cm. x 90cm. and remaining pit with B.B.C. 1:3:6 mix (1-cement :3-coarse sand:6-Brickbats 40+50mm size) and providing fillet in Cement concrete 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm. nominal size) at G.L. and 3 coats of silver paint etc. complete. (upto 10 ton)	Each	32198.00
24012A	24.39	Providing and erecting at the site of work steel ventilating column of 150m internal diameter and 12.20 Metre High from G.L. to bottom of top grill including C.I. grill and base plate bolts and nuts etc. and excavation in foundation of size 120cm. x 120vc. x 165cm. and filling the pit with first layer of cement concrete 1:3:6 mix (1-cement :3-coarse sand :6-graded stone aggregate 20mm nominal size) of 120cm. x 120cm. x 90cm. and remaining pit with B.B.C. 1:3:6 mix (1-cement :3-coarse sand:6-Brickbats 40+50mm size) and providing fillet in Cement concrete 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm. nominal size) at G.L. and 3 coats of silver paint etc. complete. (more than 10 ton)	Each	
24013	24.4	Constructing Brick masonry road gully chamber 500mm x 450mm x 600mm including 500mm x 450mm C.I. horizontal grating wih frame complete. (upto 10 ton)	Each	1532.00
24013A	24.4	Constructing Brick masonry road gully chamber 500mm x 450mm x 600mm including 500mm x 450mm C.I. horizontal grating wih frame complete. (more than 10 ton)	Each	
24014	24.41	Constructing Brick masonry road gully chamber 450mm x 450mm x 775mm with vertical gating complete.	Each	1971.00
24015	24.42	Constructing brick masonry road gully chamber 1100mm x 775mm including 500mm x 450mm (C.I. horizontal grating with frame and vertical grating complete.) (upto 10 ton)	Each	8510.00
24015A	24.42	Constructing brick masonry road gully chamber 1100mm x 775mm including 500mm x 450mm (C.I. horizontal grating with frame and vertical grating complete.) (more than 10 ton)	Each	

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
24016A	24.44	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg. Cm ² in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slab with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(i) Inside dimensions 455mmx 610mm and 450mm deep for single pipe line. (upto 10 ton)	Each	2559.00
24016AA	24.44	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg. Cm ² in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slab with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(i) Inside dimensions 455mmx 610mm and 450mm deep for single pipe line. (more than 10 ton)	Each	
24016B	24.44	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg. Cm ² in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slab with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(ii) Inside dimensions 500mm x 700 mm and 450mm deep for pipe line with one or two inlets. (upto 10 ton)	Each	3245.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
24016BA	24.44	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg. Cm ² in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slab with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(ii) Inside dimensions 500mm x 700 mm and 450mm deep for pipe line with one or two inlets. (more than 10 ton)	Each	
24016C	24.44	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg. Cm ² in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slab with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(iii) Inside dimensions 600mm x mm and 450mm deep for pipe lines with three or more inlets. (upto 10 ton)	Each	7048.00
24016CA	24.44	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg. Cm ² in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slab with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(iii) Inside dimensions 600mm x mm and 450mm deep for pipe lines with three or more inlets. (more than 10 ton)	Each	
24017A	24.46	Extra over items 24.44 for every additional depth of 0.1M. of part thereof beyond 450mm depth for Brick masonry chamber.(i) for 455mm x 610mm size.	Each	202.00
24017B	24.46	Extra over items 24.44 for every additional depth of 0.1M. of part thereof beyond 450mm depth for Brick masonry chamber.(ii) for 500mm x 700mm size.	Each	220.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
24017C	24.46	Extra over items 24.44 for every additional depth of 0.1M. of part thereof beyond 450mm depth for Brick masonry chamber.(iii) for 600mm x 850mm size.	Each	271.00
24018A	0	(A) Providing sock pit of 2.00 Cu.M. Volume including excavating and filling brickbats with dry masonry work at top for 45cm. height including covering the top with stone including providing vatas in C.M. 1:3 with finishing curing etc. complete as directed. (upto 10 ton)	Each	933.00
24018AA	0	(A) Providing sock pit of 2.00 Cu.M. Volume including excavating and filling brickbats with dry masonry work at top for 45cm. height including covering the top with stone including providing vatas in C.M. 1:3 with finishing curing etc. complete as directed. (more than 10 ton)	Each	
24018B	0	(B) Providing sock pit of 5.00 Cu.M. Volume including excavating and filling brickbats with dry masonry work at top for 45cm. height including covering the top with stone including providing vatas in C.M. 1:3 with finishing curing etc. complete as directed. (upto 10 ton)	Each	2334.00
24018BA	0	(B) Providing sock pit of 5.00 Cu.M. Volume including excavating and filling brickbats with dry masonry work at top for 45cm. height including covering the top with stone including providing vatas in C.M. 1:3 with finishing curing etc. complete as directed. (more than 10 ton)	Each	

CHAPTER- 26 ROAD WORK AND CULVERTS (EXECUTED WITH MANUAL LABOUR)

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26B001A	26.16	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(A) From Borrow pits within land width	cu.m	120.00
26B001B	26.16	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(B) From Borrow area within 0.5 Km.lead (upto 10 ton)	cu.m	230.00
26B001C	26.16	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(C) From Borrow area within 1.0 Km.lead (upto 10 ton)	cu.m	238.00
26B001D	26.16	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(D) From Borrow area within 2.0 Km. lead (upto 10 ton)	cu.m	254.00
26B001E	26.16	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(E) From Borrow area within 3.0 Km. lead (upto 10 ton)	cu.m	269.00
26B004A	0	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process usin (...)	cu.m	127.00
26B004B	0	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process usin (...)	cu.m	237.00
26B004C	0	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process usin (...)	cu.m	245.00
26B004D	0	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process usin (...)	cu.m	261.00
26B004E	0	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process usin (...)	cu.m	276.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26B005	0	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.	cu.m	145.00
26B006A	0	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.(A) Above 200 Meters upto 300 Meters.	cu.m	37.00
26B006B	0	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.(B) Above 300 Meters upto 400 Meters.	cu.m	54.80
26B006C	0	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.(C) Above 400 Meters upto 500 Meters.	cu.m	91.30
26B007	0	Earthwork in cutting in all sorts of soil and soft murrum including conveying and putting the stuff in spoil bank maintaining minimum distance of five meter between top edge and cutting and toe of spoil bank.	cu.m	120.00
26B008	0	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the road side slope as directed upto 50Mt.lead.	cu.m	120.00
26B009A	26.16	Earthwork in cutting including preparing the slope and camber and stacking or utilising the cutting stuff in bank as directed upto 200 Meters from the end of cutting with all lead and lift.(i) Hard murrum.	cu.m	283.00
26B009B	26.16	Earthwork in cutting including preparing the slope and camber and stacking or utilising the cutting stuff in bank as directed upto 200 Meters from the end of cutting with all lead and lift.(ii) Soft rock not requiring blasting.	cu.m	302.00
26B009C	26.16	Earthwork in cutting including preparing the slope and camber and stacking or utilising the cutting stuff in bank as directed upto 200 Meters from the end of cutting with all lead and lift.(iii) Hard rock.	cu.m	588.00

CHAPTER- 26 ROAD WORK AND CULVERTS (EXECUTED WITH MECHANISED EFFORTS/ MACHINARIES)

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26001A	26.16	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(A) From Borrow pits within land width	cu.m	65.40
26001B	26.16	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(B) From Borrow area within 0.5 Km.lead (upto 10 ton)	cu.m	157.00
26001BA	26.16	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(B) From Borrow area within 0.5 Km.lead (more than 10 ton)	cu.m	159.00
26001C	26.16	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(C) From Borrow area within 1.0 Km.lead (upto 10 ton)	cu.m	164.00
26001CA	26.16	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(C) From Borrow area within 1.0 Km.lead (more than 10 ton)	cu.m	164.00
26001D	26.16	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(D) From Borrow area within 2.0 Km. lead (upto 10 ton)	cu.m	177.00
26001DA	26.16	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(D) From Borrow area within 2.0 Km. lead (more than 10 ton)	cu.m	173.00
26001E	26.16	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(E) From Borrow area within 3.0 Km. lead (upto 10 ton)	cu.m	191.00
26001EA	26.16	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(E) From Borrow area within 3.0 Km. lead (more than 10 ton)	cu.m	182.00
26002	0	Rolling of earthwork in layers with power roller including filling in depressions which occur during the process. (upto 10 ton)	cu.m	15.20
26002A	0	Rolling of earthwork in layers with power roller including filling in depressions which occur during the process. (more than 10 ton)	cu.m	11.90
26003	0	Watering of earth work as directed.	cu.m	5.70
26004A	0	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(A) From Borrow pits within land width (upto 10 ton)	cu.m	69.20

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26004AA	0	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(A) From Borrow pits within land width (more than 10 ton)	cu.m	99.00
26004B	0	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(B) From Borrow area within 0.5KM. lead (upto 10 ton)	cu.m	161.00
26004BA	0	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(B) From Borrow area within 0.5KM. lead (more than 10 ton)	cu.m	164.00
26004C	0	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(C) From Borrow area within 1.0KM. lead (upto 10 ton)	cu.m	168.00
26004CA	0	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(C) From Borrow area within 1.0KM. lead (more than 10 ton)	cu.m	169.00
26004D	0	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(D) From Borrow area within 2.0KM. lead (upto 10 ton)	cu.m	181.00
26004DA	0	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(D) From Borrow area within 2.0KM. lead (more than 10 ton)	cu.m	178.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26004E	0	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(E) From Borrow area within 3.0KM. lead (upto 10 ton)	cu.m	194.00
26004EA	0	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(E) From Borrow area within 3.0KM. lead (more than 10 ton)	cu.m	187.00
26005	0	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.	cu.m	80.50
26006A	0	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.(A) Above 200 Meters upto 300 Meters.	cu.m	22.70
26006B	0	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.(B) Above 300 Meters upto 400 Meters.	cu.m	33.60
26006C	0	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.(C) Above 400 Meters upto 500 Meters.	cu.m	56.10
26007	0	Earthwork in cutting in all sorts of soil and soft murrum including conveying and putting the stuff in spoil bank maintaining minimum distance of five meter between top edge and cutting and toe of spoil bank.	cu.m	65.40
26008	0	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the road side slope as directed upto 50Mt.lead.	cu.m	65.40
26009A	26.16	Earthwork in cutting including preparing the slope and camber and stacking or utilising the cutting stuff in bank as directed upto 200 Meters from the end of cutting with all lead and lift.(i) Hard murrum.	cu.m	156.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26009B	26.16	Earthwork in cutting including preparing the slope and camber and stacking or utilising the cutting stuff in bank as directed upto 200 Meters from the end of cutting with all lead and lift.(ii) Soft rock not requiring blasting.	cu.m	166.00
26009C	26.16	Earthwork in cutting including preparing the slope and camber and stacking or utilising the cutting stuff in bank as directed upto 200 Meters from the end of cutting with all lead and lift.(iii) Hard rock.	cu.m	350.00
26010A	0	Add extra over item 9 for conveying and utilising the stuff in bank from end of cutting with all required lead and lift.(A) Above 200 Meters upto 300 Meters.	cu.m	37.00
26010B	0	Add extra over item 9 for conveying and utilising the stuff in bank from end of cutting with all required lead and lift.(B) Above 300 Meters upto 400 Meters	cu.m	54.80
26010C	0	Add extra over item 9 for conveying and utilising the stuff in bank from end of cutting with all required lead and lift.(C) Above 400 Meters upto 500 Meters	cu.m	91.30
26011A	26.5	Supplying of graded stone aggregate of following sizes (for W.B.M. Road)(1) Hand broken stone aggregate 25mm to 90mm size.	cu.m	173.00
26011B	26.5	Supplying of graded stone aggregate of following sizes (for W.B.M. Road)(2) Hand broken stone aggregate 40 mm to 63 mm size.	cu.m	203.00
26011C	26.5	Supplying of graded stone aggregate of following sizes (for W.B.M. Road)(3) Crushed stone aggregate for Hard Quality up to 63 mm size	cu.m	293.00
26012A	26.5	Supplying of crushed stone aggregates, chippings etc. of hard stone of following nominal size free of disintegrated pieces deleterious and organic matter (for Bitumen surface dressing etc.) and grading as per I.R.C. Code.(i) 50mm	cu.m	293.00
26012B	26.5	Supplying of crushed stone aggregates, chippings etc. of hard stone of following nominal size free of disintegrated pieces deleterious and organic matter (for Bitumen surface dressing etc.) and grading as per I.R.C. Code.(ii) 40mm	cu.m	319.00
26012C	26.5	Supplying of crushed stone aggregates, chippings etc. of hard stone of following nominal size free of disintegrated pieces deleterious and organic matter (for Bitumen surface dressing etc.) and grading as per I.R.C. Code.(iii) 25mm	cu.m	366.00
26012D	26.5	Supplying of crushed stone aggregates, chippings etc. of hard stone of following nominal size free of disintegrated pieces deleterious and organic matter (for Bitumen surface dressing etc.) and grading as per I.R.C. Code.(iv) 20mm	cu.m	413.00
26012E	26.5	Supplying of crushed stone aggregates, chippings etc. of hard stone of following nominal size free of disintegrated pieces deleterious and organic matter (for Bitumen surface dressing etc.) and grading as per I.R.C. Code.(v) 12mm	cu.m	330.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26012F	26.5	Supplying of crushed stone aggregates, chippings etc. of hard stone of following nominal size free of disintegrated pieces deleterious and oraganic mater (for Bitumen surface dressing etc.) and grading as per I.R.C. Code.(vi) 10mm	cu.m	390.00
26012G	26.5	Supplying of crushed stone aggregates, chippings etc. of hard stone of following nominal size free of disintegrated pieces deleterious and oraganic mater (for Bitumen surface dressing etc.) and grading as per I.R.C. Code.(vii) 6mm	cu.m	285.00
26013	26.8	Supplying of brick aggregate 40mm nominal size.	cu.m	140.00
26014A	26.11(A)	Supplying of screened cleaned pea (rounded) gravel of following sizes)(i) 10mm nominal size.	cu.m	164.00
26014B	26.11(A)	Supplying of screened cleaned pea (rounded) gravel of following sizes)(ii) 12mm nominal size.	cu.m	156.00
26014C	26.11	Supplying of screened cleaned pea (rounded) gravel of following sizes)(B) Supplying of unscrened gravel	cu.m	126.00
26015	26.12	Supplying of coarse clean sharp sand at site.	cu.m	179.00
26016A	26.13	(i) Supplying of murrum / binding materials	cu.m	64.00
26016B	26.13	(ii) Supplying of hard murrum 50mm to 150mm size.	cu.m	93.60
26017A	26.15	Supplying promoulded bituminous joint filler.(i) 12mm thick	cu.m	594.00
26017B	26.15	Supplying promoulded bituminous joint filler.(ii) 20mm thick	cu.m	655.00
26017C	26.15	Supplying promoulded bituminous joint filler.(iii) 25mm thick	cu.m	860.00
26018A	26.2	Spreading the stone aggregate for rolling and W.B.M. including filling the interstices to required camber and gradient (excluding spreading of Blindage)(ii) 40mm to 63mm size aggregate (H.B.)	cu.m	157.00
26018B	26.2	Spreading the stone aggregate for rolling and W.B.M. including filling the interstices to required camber and gradient (excluding spreading of Blindage)(iii) 25mm to 50mm size crushed stone	cu.m	157.00
26018C	26.2	Spreading the stone aggregate for rolling and W.B.M. including filling the interstices to required camber and gradient (excluding spreading of Blindage)(iv) Chipping varying from 6mm to 25mm size.	cu.m	157.00
26019A	26.22	Laying brick soiling with over burnt traditional bricks including spreading of binding materials murrum or earth etc. (Bricks for soiling and binding materials shall be paid for seperately)(i) One layer laid flat.	cu.m	26.20
26019B	26.22	Laying brick soiling with over burnt traditional bricks including spreading of binding materials murrum or earth etc. (Bricks for soiling and binding materials shall be paid for seperately) (ii) One layer laid on edge.	cu.m	39.70
26019C	26.22	Laying brick soiling with over burnt traditional bricks including spreading of binding materials murrum or earth etc. (Bricks for soiling and binding materials shall be paid for seperately)(iii) Two layer laid flat.	cu.m	52.50

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26019D	26.22	Laying brick soiling with over burnt traditional bricks including spreading of binding materials murrum or earth etc. (Bricks for soiling and binding materials shall be paid for seperately)(iv) Two layer laid on edge.	cu.m	81.50
26020A	26.23	Spreading blindage or road crust filling the gaps in metal and leveling to camber and gradient as directed.(i) Murrum	cu.m	92.70
26020B	26.23	Spreading blindage or road crust filling the gaps in metal and leveling to camber and gradient as directed.(ii) Sand	cu.m	92.70
26021	26.76	Rolling and consolidation of soling including filling in depression which occur during the process, with power roler 8 tonne to 12 tonne.	Sqm	16.90
26022	26.78	Rolling and consolidating water bound macadam (except laterite and Kankar) including watering not exceeding 150mm thickness (Main layer including binding materials) including filling in depressions which occur during the process.(A) With power roller exceeding 8 tonne and not exceeding 12 tonne.	Sqm	12.40
26023A	26.34	Preparing surface by Brushing with wire brushes for removing caked mud etc. sweeping with brooms and finally fanning the cleaned surface with gunney bags to remove all loose dirt etc.(i) Water bound macadam surface (New)	Sqm	17.80
26023B	26.34	Preparing surface by Brushing with wire brushes for removing caked mud etc. sweeping with brooms and finally fanning the cleaned surface with gunney bags to remove all loose dirt etc.(ii) Black top surface.	Sqm	10.70
26024	26.35	Providing and supplying evenly priming / tack coat with bitumen @ rate of 10 Kg/ Sq.M. (including heating the bitumen but excluding the cost of bitumen)	Sqm	4.20
26025	26.36	Add/Deduct for any item of bituminious work for extra/less use of bitumen (including heating)	Sqm	0.40
26026	26.37	Surface dressing one coat with paving bitumen using 18kg. bitumen per 10.0 Sq.M. with 0.15 cu.m. of stone chipping 12mm nominal size per 10.0 Sq.M. of road surface excluding roling and consolidation (stone chipping and bitumen shall be paid seperately) (upto 10 ton)	Kg	12.20
26026A	26.37	Surface dressing one coat with paving bitumen using 18kg. bitumen per 10.0 Sq.M. with 0.15 cu.m. of stone chipping 12mm nominal size per 10.0 Sq.M. of road surface excluding roling and consolidation (stone chipping and bitumen shall be paid seperately) (more than 10 ton)	Kg	12.50

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26027	26.38	Surface dressing two coat with bitumen using 18kg. bitumen per 10.0 Sq.M. with 0.15 cu.m. of stone chipping 12mm nominal size per 10.0 Sq.M. for first coat and 11 Kg. of bitumen with 0.10 cu.m. of stone chippings 10mm nominal size per 10 Sq.M. of road surface for second coat excluding consolidation for second coat excluding consolidation bitumen shall be paid seperately) (upto 10 ton)	Sqm	13.00
26027A	26.38	Surface dressing two coat with bitumen using 18kg. bitumen per 10.0 Sq.M. with 0.15 cu.m. of stone chipping 12mm nominal size per 10.0 Sq.M. for first coat and 11 Kg. of bitumen with 0.10 cu.m. of stone chippings 10mm nominal size per 10 Sq.M. of road surface for second coat excluding consolidation for second coat excluding consolidation bitumen shall be paid seperately) (more than 10 ton)	Sqm	13.30
26028	26.39	Surface dressing enewal coat with paving bitumen or tar using 11kg. of bitumen of 12Kg. of cut-back or road tar per ten 10.0 Sq.M. with 0.10 cu.m. of stone chipping 10mm nominal size per 10.0 Sq.M. of road surface excluding roling and consolidation (Chips and bitumen shall be paid seperately) (upto 10 ton)	Sqm	8.70
26028A	26.39	Surface dressing enewal coat with paving bitumen or tar using 11kg. of bitumen of 12Kg. of cut-back or road tar per ten 10.0 Sq.M. with 0.10 cu.m. of stone chipping 10mm nominal size per 10.0 Sq.M. of road surface excluding roling and consolidation (Chips and bitumen shall be paid seperately) (more than 10 ton)	Sqm	8.90
26029	26.44	Add to or deduct from any item of bituminious work for variation in quantity of stone chippings (Labour only)	cu.m	36.00
26030A	26.45	2cm. thick open - graded pre-mix carpet surfacing with 0.27 cu.m. stone chippings (12mm size 0.18cu.m. and 10mm size 0.09 cu.m.) mixed with 14.4 kgs. of bitumen per 10 Sq.M. of road surface excluding rolling and consolidetion etc. complete. (Stone chippings and Bitumen shall be paid separately)(i) With tack coat at rate of 5.0 Kg. /10 Sq.M. (upto 10 ton)	cu.m	701.00
26030AA	26.45	2cm. thick open - graded pre-mix carpet surfacing with 0.27 cu.m. stone chippings (12mm size 0.18cu.m. and 10mm size 0.09 cu.m.) mixed with 14.4 kgs. of bitumen per 10 Sq.M. of road surface excluding rolling and consolidetion etc. complete. (Stone chippings and Bitumen shall be paid separately)(i) With tack coat at rate of 5.0 Kg. /10 Sq.M. (more than 10 ton)	cu.m	719.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26030B	26.45	2cm. thick open - graded pre-mix carpet surfacing with 0.27 cu.m. stone chippings (12mm size 0.18cu.m. and 10mm size 0.09 cu.m.) mixed with 14.4 kgs. of bitumen per 10 Sq.M. of road surface excluding rolling and consolidation etc. complete. (Stone chippings and Bitumen shall be paid separately)(ii) With tack coat at rate of 10Kg. / 10 Sq.M. (upto 10 ton)	cu.m	730.00
26030BA	26.45	2cm. thick open - graded pre-mix carpet surfacing with 0.27 cu.m. stone chippings (12mm size 0.18cu.m. and 10mm size 0.09 cu.m.) mixed with 14.4 kgs. of bitumen per 10 Sq.M. of road surface excluding rolling and consolidation etc. complete. (Stone chippings and Bitumen shall be paid separately)(ii) With tack coat at rate of 10Kg. / 10 Sq.M. (more than 10 ton)	cu.m	749.00
26031A	26.49	2.5cm. thick Consolidated singlecourse pre-mixed carpet surfacingwith 0.36 cu.m. of stone chippings(20mm size 0.15cu.m. 10mm size0.12 cu.m. and 0.6 mm size of 0.09 cu.m.) mixed with 19.5 kgs. ofbitumen per 10 Sq.M. of road surface excluding consolidation etc. complete.(Stone chippings and Bitumen shall bepaid separately)(i) With tack coat at rate of 5.0 Kg. /10 Sq.M. (upto 10 ton)	cu.m	667.00
26031AA	26.49	2.5cm. thick Consolidated singlecourse pre-mixed carpet surfacingwith 0.36 cu.m. of stone chippings(20mm size 0.15cu.m. 10mm size0.12 cu.m. and 0.6 mm size of 0.09 cu.m.) mixed with 19.5 kgs. ofbitumen per 10 Sq.M. of road surface excluding consolidation etc. complete.(Stone chippings and Bitumen shall bepaid separately)(i) With tack coat at rate of 5.0 Kg. /10 Sq.M. (more than 10 ton)	cu.m	667.00
26031B	26.49	2.5cm. thick Consolidated singlecourse pre-mixed carpet surfacingwith 0.36 cu.m. of stone chippings(20mm size 0.15cu.m. 10mm size0.12 cu.m. and 0.6 mm size of 0.09 cu.m.) mixed with 19.5 kgs. ofbitumen per 10 Sq.M. of road surface excluding consolidation etc. complete.(Stone chippings and Bitumen shall bepaid separately)(ii) With back coat at rate of 10Kg./ 10 Sq.M. (upto 10 ton)	cu.m	689.00
26031BA	26.49	2.5cm. thick Consolidated singlecourse pre-mixed carpet surfacingwith 0.36 cu.m. of stone chippings(20mm size 0.15cu.m. 10mm size0.12 cu.m. and 0.6 mm size of 0.09 cu.m.) mixed with 19.5 kgs. ofbitumen per 10 Sq.M. of road surface excluding consolidation etc. complete.(Stone chippings and Bitumen shall bepaid separately)(ii) With back coat at rate of 10Kg./ 10 Sq.M. (more than 10 ton)	cu.m	689.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26032	26.52	Liquid seal coat (IRC type -A) with 0.09 cu.m. of stone chippings 6mm size and 6.8Kg. of bitumen per 10.0 Sq.M. of road surface excluding rolling and consolidation. (Chipping and bitument shall be paid seperately) (upto 10 ton)	cu.m	594.00
26032A	26.52	Liquid seal coat (IRC type -A) with 0.09 cu.m. of stone chippings 6mm size and 6.8Kg. of bitumen per 10.0 Sq.M. of road surface excluding rolling and consolidation. (Chipping and bitument shall be paid seperately) (more than 10 ton)	cu.m	826.00
26033	26.53	Pre-mixed seal coat (I.R.C. type-B) with 0.06 cu.m. of fine aggregate and 6.8 Kg. of bitumen per 10 Sq.M. of road surface excluding rolling and consolidation. (Chipping and bitument shall be paid separately) (upto 10 ton)	cu.m	676.00
26033A	26.53	Pre-mixed seal coat (I.R.C. type-B) with 0.06 cu.m. of fine aggregate and 6.8 Kg. of bitumen per 10 Sq.M. of road surface excluding rolling and consolidation. (Chipping and bitument shall be paid separately) (more than 10 ton)	cu.m	941.00
26034	0	Pre-mixed seal coat with 0.12 cu.m. of stone chippings 10mm size and 7.68 Kg. of bitumen per 10 Sq.M. of road surface excluding rolling and consolidation. (Stone chipping and bitument shall be paid separately) (upto 10 ton)	cu.m	581.00
26034A	0	Pre-mixed seal coat with 0.12 cu.m. of stone chippings 10mm size and 7.68 Kg. of bitumen per 10 Sq.M. of road surface excluding rolling and consolidation. (Stone chipping and bitument shall be paid separately) (more than 10 ton)	cu.m	813.00
26035	0	Laying built-up spray grout base course into two layers with bitumen at rate of 15 kg./per 10 Sq.M. with 0.50 cu.m. stone aggregate for first layer and 15kg. of bitumen and 0.50 cu.m. of stone aggregate per 10 Sq.M. of road surface for second layer and using 0.13cu.m. of Key aggregate per 10 Sq.M. excluding rolling and consolidation complete. (stone aggregate and bitumen shall be paid separately) (upto 10 ton)	Sqm	11.60
26035A	0	Laying built-up spray grout base course into two layers with bitumen at rate of 15 kg./per 10 Sq.M. with 0.50 cu.m. stone aggregate for first layer and 15kg. of bitumen and 0.50 cu.m. of stone aggregate per 10 Sq.M. of road surface for second layer and using 0.13cu.m. of Key aggregate per 10 Sq.M. excluding rolling and consolidation complete. (stone aggregate and bitumen shall be paid separately) (more than 10 ton)	Sqm	15.70

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26036	0	Labour charges for laying premixed bituminous macadam / concrete / carpet etc. by hot mix laid process including heating the asphalt and aggregates by continuous hot mix,transporting the mix and spreading the same by paverfinisher and consolidation with powerroller including providing and layinguniformaly tack coat includingproviding and laying uniformaly tackcoat including necessary fire wood oil lubricants, labour charges and hirecharges of the required plant and machineries etc. complete.	MT	398.00
26037	26.82	Consolidation of surface dressing in one coat with power roller including cost of fuel hire charges of roller etc. complete.	Sqm	3.10
26038	26.82	Consolidation of surface dressing in two coats with power roller including cost of fuel hire charges of roller etc. complete.	Sqm	5.40
26039	26.81	Consolidation of 2cm. thick open graded premixed asphalt carpet with power roller including cost of fuel hire charges of roller etc. complete.	Sqm	4.80
26040	26.81	Consolidation of 2.5cm. thick premixed asphalt carpet with power roller including cost of fuel hire charges of roller etc. complete.	Sqm	4.80
26041	0	Consolidation of liquid / premixed seal coat with power roller including cost of fuel hire charges of roller etc. complete.	Sqm	4.10
26042	0	Consolidation of Built up spray grout in required layers with power roller including cost of fuel hire charges of roller etc. complete.	Sqm	7.60
26043	0	Consolidation of bituminous macadam / concrete etc. with power roller including cost of fuel hire charges of roller etc. complete.	Sqm	9.20
26044A	0	Providing and fixing Hectometer as per I.R.C. type design including painting, lettering etc. complete.(i) Fixing in Earth	No.	123.00
26044B	0	Providing and fixing Hectometer as per I.R.C. type design including painting, lettering etc. complete.(ii) Fixing in C.C. 1:5:10	No	279.00
26045A	26.88	Providing and fixing guard stone as per I.R.C. type design including white washing etc. complete.(i) Fixing in Earth	No	62.00
26045B	26.88	Providing and fixing guard stone as per I.R.C. type design including white washing etc. complete.(ii) Fixing in C.C. 1:5:10	No	218.00
26046A	26.85	Providing and fixing Boundary stone as per I.R.C. design including painting, carving lettering etc. complete.(i) Fixing in Earth	Each	62.00
26046B	26.85	Providing and fixing Boundary stone as per I.R.C. design including painting, carving lettering etc. complete.(ii) Fixing in C.C. 1:5:10	Each	167.00
26047	0	Providing and fixing ordinary Kilometer stone of approved hard stone as per I.R.C. type design in C.C. 1:4:8 including painting and lettering etc. complete (For N.H., S.H. and M.D.R.)	Each	734.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26048	26.87	Providing and fixing ordinary Kilometer stone of precast C.C. 1:2:4 including necessary reinforcement as per I.R.C. type design in C.C. 1:4:8 including letter and paints etc. complete (For N.H., S.H. and M.D.R.)	Each	833.00
26049	0	Providing and fixing 5th Kilometer stone of approved hard stone as per I.R.C. type design in C.C. 1:4:8 including painting and lettering etc. complete (For N.H., S.H. and M.D.R.)	Each	1036.00
26050	0	Providing and fixing 5th Kilometer stone of precast C.C. 1:2:4 including necessary reinforcement as per I.R.C. type design in C.C. 1:4:8 including painting,lettering etc. complete (For N.H., S.H. and M.D.R.)	Each	1341.00
26051	0	Providing and fixing ordinary Kilometer stone of approved hard stone as per I.R.C. type design in C.C. 1:4:8 including painting and lettering etc. complete (For O.D.Road,V.R.)	Each	796.00
26052	0	Providing and fixing ordinary Kilometer stone of precast C.C. 1:2:4 including necessary reinforcement as per I.R.C. type design in C.C. 1:4:8 including painting,lettering etc. complete (For O.D. road V.R.)	Each	486.00
26053A	0	Providing and fixing indicator stone of approved stone as per I.R.C. type design in C.C. 1:4:8 including white washing etc. complete.(i) Fixing in Earth	Each	109.00
26053B	0	Providing and fixing indicator stone of approved stone as per I.R.C. type design in C.C. 1:4:8 including white washing etc. complete.(ii) Fixing in C.C. 1:5:10	Each	265.00
26054A	0	Supplying and fixing road sign board of M.S. plates and angle iron including painting, lettering etc. complete including fixing in C.C. 1:4:8 with necessary excavation etc. complete as per I.R.C. type design.(i) Non - Reflective type	Each	1885.00
26054B	0	Supplying and fixing road sign board of M.S. plates and angle iron including painting, lettering etc. complete including fixing in C.C. 1:4:8 with necessary excavation etc. complete as per I.R.C. type design.(ii) Reflective type	Each	3165.00
26055	0	Providing and fixing Village name boards as per standard I.R.C. type design of steel plate including painting lettering etc. complete with fixing in C.C. 1:4:8 block with necessary excavation.	Each	3558.00
26056	0	Providing and fixing Junction board of precast R.C.C. as per standard I.R.C. design including fixing in C.C. with 1:4:8 necessary excavation painting figuring and lettering on board etc. complete.	Each	2457.00
26057	0	Providing and fixing Junction board of M.S. plates and angles as per standard I.R.C. design including fixing in C.C. 1:4:8 with necessary excavation painting figuring and lettering on board etc. complete.	Each	5142.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26058A	0	Pinting and lettering with enamel paint 3- coats etc complete.(i) Ordinary K.M. Stone for N.H. S.H. and M.D.R.	Each	190.00
26058B	0	Pinting and lettering with enamel paint 3- coats etc complete.(ii) Ordinary K.M. Stone for O.D.R. and V.R.	Each	147.00
26058C	0	Pinting and lettering with enamel paint 3- coats etc complete.(iii) Fifth K.M. Stone .	Each	364.00
26058D	0	Pinting and lettering with enamel paint 3- coats etc complete.(iv) Hectometer stone.	Each	48.90
26058E	0	Pinting and lettering with enamel paint 3- coats etc complete.(v) Road sign board.	Each	435.00
26058F	0	Pinting and lettering with enamel paint 3- coats etc complete.(vi) Village name board.	Each	435.00
26058G	0	Pinting and lettering with enamel paint 3- coats etc complete.(vii)Junction board.	Each	1359.00
26059	26.93	Labour charges for dry stone pitching 15 cm. thick including preparing the surface.	Each	136.00
26060	26.93	Labour charges for dry stone pitching of 22.5 cm. thick including preparing the surface etc complete.	Each	195.00
26061	26.93	Labour charges for dry stone pitching of 20.0 cm. thick including preparing the surface etc complete.	Each	253.00
26062	0	Providing panel wall for dry stone pitching in uncoursed rubble masonry with had stone of approved quality in cement. mortar 1.5 including curing etc, complete. (upto 10 ton)	Cumt	1655.00
26062A	0	Providing panel wall for dry stone pitching in uncoursed rubble masonry with had stone of approved quality in cement. mortar 1.5 including curing etc, complete. (more than 10 ton)	Cumt	1587.00
26063	26.99	Scarifying gravelled macadam or bitumen macadam surface 6 cm to 10 cm.depth including stacking useful materials on road side and disposing off remaining stuff.	Sqm	24.90
26064	0	Labour charges for filling measure boxes of crushed metal or gravel of size 20 mm to 63 mm including all tools and as directed.	Sqm	64.70
26065	0	Labour charges for filling measure boxes of Kapachi of 12 m.size Grit, sand, murrum etc. including all tools and as directed.	Sqm	64.70
26066	0	Labour charges for breaking boulders and Big.size rubble in to oversize metal for soling.	Sqm	217.00
26067	0	Labour charges for breaking boulders and Big.size rubble in to standard size. (40mm to 63 mm) metal for soling.	cu.m	323.00
26068	0	Supplying of wooden pegs 4 cm. in Diameter and 25 cm. to 30 cm. long including taper at one end etc. complete.	cu.m	1.00
26069	0	Revenue survey charges for joint measurements for land to be acquired. etc.	Km	272.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26070	0	Demarkation of road alingment including marking out road line by providing and fixing wooden pegs or steel rod of required size at every 25 M to 50 M. including excavating trenches ion both sodes of 0.30 m. x 0.30M. including supplying of labours and all materials for every work etc. complete.	Km	2469.00
26071	0	DOG - Beling the centre line and toe line Embankment / cutting.	Km	4410.00
26072	0	Surveying for road works including ranging, chaining, pegging leveling and compass surveying including all labour materials and instruments etc,complete.	Km	1936.00
26073	0	Providing and fixing stones of 25cm x 25cm x 17.5cm.size of approved quality for centre line or apex point including excavation, concreteing and fixing te stone including casting of stone etc,complete.	Km	58.40
26074	0	Contour survey work for prepaing contour maps by taking cross-section at every 30M. intervals including all, labour materials and instruments.	Km	176.00
26075A	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	cu.m	119.00
26075B	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil	cu.m	152.00
26075C	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum	cu.m	259.00
26075D	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(D) Soft rock not requiring Blasting	cu.m	268.00
26075E	0	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock	cu.m	555.00
26084	0	Filling around the pipes with murrum including dressing, tampering etc. complete.	cu.m	50.70
26085	0	Providing and fixing 20cm. x 15cm x 2.5 cm. thick year plate of marble stone set in C.M. 1:4 including finishing and engraving letters etc. complete.	Km	281.00
26086	0	Numbering the C.D. work with approved paint including all materials for painting etc. complete.	Each	54.50
26087	0	Providing and fixing Number plate of Marble plate stone of required size set in C.M. 1:4 including finishing and engeaving letters etc. completes.	Each	306.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26088A	26.107	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(i) 300mm dia. (upto 10 ton)	Rmt	400.00
26088AA	26.107	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(i) 300mm dia. (more than 10 ton)	Rmt	372.00
26088B	26.107	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(ii) 450mm dia. (upto 10 ton)	Rmt	703.00
26088BA	26.107	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(ii) 450mm dia. (more than 10 ton)	Rmt	635.00
26088C	26.107	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(iii) 600mm dia. (upto 10 ton)	Rmt	939.00
26088CA	26.107	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(iii) 600mm dia. (more than 10 ton)	Rmt	844.00
26088D	26.107	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(iv) 800mm dia. (upto 10 ton)	Rmt	1354.00
26088DA	26.107	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(iv) 800mm dia. (more than 10 ton)	Rmt	1204.00
26088E	26.107	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(v) 900mm dia. (upto 10 ton)	Rmt	1707.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26088EA	26.107	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(v) 900mm dia. (more than 10 ton)	Rmt	1519.00
26088F	26.107	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(vi)1100mm dia. (upto 10 ton)	Rmt	2261.00
26088FA	26.107	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(vi)1100mm dia. (more than 10 ton)	Rmt	2017.00
26088G	26.107	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(vii) 1200mm dia. (upto 10 ton)	Rmt	2232.00
26088GA	26.107	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (to level or slope) of I.S. class NP2 of following internal diameters.(vii) 1200mm dia. (more than 10 ton)	Rmt	2033.00
26089A	26.105	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(i) 300mm dia. (upto 10 ton)	Rmt	430.00
26089AA	26.105	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(i) 300mm dia. (more than 10 ton)	Rmt	390.00
26089B	26.105	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(ii) 450mm dia. (upto 10 ton)	Rmt	814.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26089BA	26.105	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(ii) 450mm dia. (more than 10 ton)	Rmt	723.00
26089C	26.105	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(iii) 600mm dia. (upto 10 ton)	Rmt	1272.00
26089CA	26.105	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(iii) 600mm dia. (more than 10 ton)	Rmt	1119.00
26089D	26.105	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(iv) 750mm dia. (upto 10 ton)	Rmt	1862.00
26089DA	26.105	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(iv) 750mm dia. (more than 10 ton)	Rmt	1628.00
26089E	26.105	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(v) 900mm dia. (upto 10 ton)	Rmt	2375.00
26089EA	26.105	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(v) 900mm dia. (more than 10 ton)	Rmt	2073.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26089F	26.105	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(vi)1050mm dia. (upto 10 ton)	Rmt	3485.00
26089FA	26.105	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(vi)1050mm dia. (more than 10 ton)	Rmt	3516.00
26089G	26.105	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(vii) 1200mm dia. (upto 10 ton)	Rmt	4009.00
26089GA	26.105	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(vii) 1200mm dia. (more than 10 ton)	Rmt	4043.00
26090	0	Providing and fixing retro Reflective Engineering grade Board using C.R.C. (M.S.) Sheet 2mm, angle iron 75 x 75 x 6mm. Descaling and degreasing the board as per requirement using epoxyprimer epoxy paint and carrying retro reflective process by screen painting as directed etc. complete including transporting and fixing in C.C. 1:4:8 with necessary excavation curing etc. complete as per I.R.C type design.(A) Engineer Grade	Sqm	10264.00
26091	0	Providing and fixing retro Reflective Hi-intensitygrade Board using C.R. (M.S.) Sheet 2mm, angle iron 75 x 75 x 6mm. Descaling and degreasing the board as per requirement using epoxy reflective process by screen painting as directed etc. complete including transporting and fixing in C.C. 1:4:8 with necessary excavation curing etc. complete as per I.R.C. type design.(B) High Intensity Grade.	Sqm	6160.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26092A	0	Cautionary Warning Sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 90 x 90 cms. equilateral triangle as per design of IRC-67-1977. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with retro reflectivesheeting as per latest M.O.S.T.Specifications; 3.1m long stand postand frame fabricated from suitable sizeiron angle of 35 x 35 x 3mm, 75 x 75 x 6mm as required; painted with bestquality epoxy coatings in black andwhite bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	3151.00
26092B	0	Cautionary Warning Sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 90 x 90 cms. equilateral triangle as per design of IRC-67-1977. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with retro reflectivesheeting as per latest M.O.S.T.Specifications; 3.1m long stand postand frame fabricated from suitable sizeiron angle of 35 x 35 x 3mm, 75 x 75 x 6mm as required; painted with bestquality epoxy coatings in black andwhite bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge.(B) High Intensity Grade.....	No	3240.00
26093A	0	Informatory Signs :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 80 x 60cms. rectangle as per the design of IRC-67-1977 pre treated with phospheting process & acid teching; coated with one coat of epoxyprimer and two coats of best qualityepoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand postand frame fabricated from suitable sizeiron angle of 35 x 35 x 3mm75x75x6mm as required; painted with best qualityepoxy coatings in black and whitebends. the details of symbol for eachboard shall details of symbol for eachboard shall be as per the instruction ofengineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x45 x 60cms. for each leg. including excavation curing tec. complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	3183.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26093B	0	Informatory Signs :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 80 x 60cms. rectangle as per the design of IRC-67-1977 pre treated with phospheting process & acid teching; coated with one coat of epoxyprimer and two coats of best qualityepoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand postand frame fabricated from suitable sizeiron angle of 35 x 35 x 3mm75x75x6mm as required; painted with best qualityepoxy coatings in black and whitebends. the details of symbol for eachboard shall details of symbol for eachboard shall be as per the instruction ofengineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x45 x 60cms. for each leg. including excavation curing tec. complete under the supervision of engineer in charge.(B) High Intensity Grade.....	No	3305.00
26094A	0	Regulatory/Mandatory signs :Providing and fixing sing boards made out of 2mm aluminium sheet; size 60cms. diameter circle as per the design of IRC-67-1977 pre treated with phospheting process & acid eteching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm 75x75x6mm as required; painted with best quality epoxy coatings in black and white bends. the details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	2846.00
26094B	0	Regulatory/Mandatory signs :Providing and fixing sing boards made out of 2mm aluminium sheet; size 60cms. diameter circle as per the design of IRC-67-1977 pre treated with phospheting process & acid eteching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm 75x75x6mm as required; painted with best quality epoxy coatings in black and white bends. the details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(B)High Intensity Grade.....	No	2938.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26095A	0	STOP SIGN:-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 90cms. rectangle as per the design of IRC-67-1977 pre treated with phospheting process & acid teching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm 75x75x6mm as required; painted with best quality epoxy coatings in black and white bends. the details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing tec. complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	3888.00
26095B	0	STOP SIGN:-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 90cms. rectangle as per the design of IRC-67-1977 pre treated with phospheting process & acid teching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm 75x75x6mm as required; painted with best quality epoxy coatings in black and white bends. the details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing tec. complete under the supervision of engineer in charge.(B)High Intensity Grade	No	5560.00
26096A	0	Parking Signs :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 60 x 60cms. sequare plus 60 x 20cms rectangular additional plate as as per the design of IRC-67-1977 pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm 75x75x6mm as required; painted with best quality epoxy coatings in black and white bends. the details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	3516.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26096B	0	Parking Signs :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 60 x 60cms. square plus 60 x 20cms rectangular additional plate as as per the design of IRC-67-1977 pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm 75x75x6mm as required; painted with best quality epoxy coatings in black and white bends. the details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(B)High Intensity Grade	No	3638.00
26097A	0	Give Way Sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 90 x 90cms. equilateral triangle (inverted) as as per the design of IRC-67-1977 pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm 75x75x6mm as required; painted with best quality epoxy coatings in black and white bends. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	3151.00
26097B	0	Give Way Sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 90 x 90cms. equilateral triangle (inverted) as as per the design of IRC-67-1977 pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm 75x75x6mm as required; painted with best quality epoxy coatings in black and white bends. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(B)High Intensity Grade	No	3240.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26098A	0	Direction sign (Junction board):-Providing and fixing sing boards made out of 2mm aluminium sheet; size 244 x 122cms. rectangle as as per the design of IRC-67-1977 pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame fabricated from suitable size iron angle of 50 x 50 x 5mm 75x75x6mm as required; painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	12153.00
26098B	0	Direction sign (Junction board):-Providing and fixing sing boards made out of 2mm aluminium sheet; size 244 x 122cms. rectangle as as per the design of IRC-67-1977 pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame fabricated from suitable size iron angle of 50 x 50 x 5mm 75x75x6mm as required; painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(B)High Intensity Grade	No	17869.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26099A	0	Distance Informatory/ Destubatuib sign :Providing and fixing sing boards made out of 2mm aluminium sheet; size 180 x 120cms. rectangle as as per the design of IRC-67-1977 pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame fabricated from suitable size iron angle of 50 x 50 x 5mm 75 x 75 x 6mm as required; painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	9123.00
26099B	0	Distance Informatory/ Destubatuib sign :Providing and fixing sing boards made out of 2mm aluminium sheet; size 180 x 120cms. rectangle as as per the design of IRC-67-1977 pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame fabricated from suitable size iron angle of 50 x 50 x 5mm 75 x 75 x 6mm as required; painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(B)High Intensity Grade	No	15385.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26100A	0	Place ideatification sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 150 x 90cms. rectangle as as per the design of IRC-67-1977 pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame fabricated from suitable size iron angle of 50x50x5mm 75x75x6mm as required; painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	7844.00
26100B	0	Place ideatification sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 150 x 90cms. rectangle as as per the design of IRC-67-1977 pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame fabricated from suitable size iron angle of 50x50x5mm 75x75x6mm as required; painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(B)High Intensity Grade	No	10226.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26101A	0	Village name/ Bump Ahead sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 60cms. rectangle as as per the design of IRC-67-1977 pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame fabricated from suitable size iron angle of 50 x 50 x 5mm painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	4122.00
26101B	0	Village name/ Bump Ahead sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 60cms. rectangle as as per the design of IRC-67-1977 pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame fabricated from suitable size iron angle of 50 x 50 x 5mm painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(B)High Intensity Grade	No	5195.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26102A	0	Hazard Marker Sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 30cms. rectangle as as per the design/drawing attached (IRC) pretreated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm & 50 x 50 x 5mm painted with best quality epoxy coatings The fixing at site shall be in 1:2:4 CC block of size 45x45x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	2002.00
26102B	0	Hazard Marker Sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 30cms. rectangle as as per the design/drawing attached (IRC) pretreated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm & 50 x 50 x 5mm painted with best quality epoxy coatings The fixing at site shall be in 1:2:4 CC block of size 45x45x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(B)High Intensity Grade	No	2906.00
26103A	0	Sign Board per square Meter :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 1 Meter x 1 Meter as as per the design given by engineer in charge pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame may be fabricated either from suitable size iron angle of 35 x 35x 3mm & 50 x 50 x 5mm & 75 x 75 x 6mm as required painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	6299.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26103B	0	Sign Board per square Meter :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 1 Meter x 1 Meter as as per the design given by engineer in charge pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame may be fabricated either from suitable size iron angle of 35 x 35x 3mm & 50 x 50 x 5mm & 75 x 75 x 6mm as required painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(B)High Intensity Grade	No	6553.00
26104A	0	Men at work (Heavy) sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 120 x 90cms. rectangle as as per the attached drawing. pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame fabricated from suitable size iron angle of 50 x 50 x 5mm painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	5049.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26104B	0	Men at work (Heavy) sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 120 x 90cms. rectangle as as per the attached drawing. pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame fabricated from suitable size iron angle of 50 x 50 x 5mm painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(B)High Intensity Grade	No	7537.00
26105A	0	Men at work (2' x 2') sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 60 x 60cms. equare as as per the attached drawing. pretreated with phospheting process & acid etching coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.10m long stand post and frame febricated from iron angele of 35 x 35 x3mm and 50 x50x5mm as required . Painted with best quality epoxy coatings in black and white bends. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	2912.00
26105B	0	Men at work (2' x 2') sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 60 x 60cms. equare as as per the attached drawing. pretreated with phospheting process & acid etching coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.10m long stand post and frame febricated from iron angele of 35 x 35 x3mm and 50 x50x5mm as required . Painted with best quality epoxy coatings in black and white bends. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(B)High Intensity Grade	No	3004.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26106A	0	Men at work (Folding) sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 60 x 60x 60 cms. equilatrel as as per the attached drawing. pre treated with phospheting process & acid etching coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; stand post and frame febricated as per attached drawing painted with best quality epoxy coatings The details of symbol or in inscription or numerals as per attached drawing(A) Engineer Grade.....	No	853.00
26106B	0	Men at work (Folding) sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 60 x 60x 60 cms. equilatrel as as per the attached drawing. pre treated with phospheting process & acid etching coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; stand post and frame febricated as per attached drawing painted with best quality epoxy coatings The details of symbol or in inscription or numerals as per attached drawing(B)High Intensity Grade	No	1227.00
26107A	0	Tree guard sign :-Providing & fixing sign board made out of 2mm aluminium sheet, size 30cms diameter circle, pretreated with phospheting process and acid etching, painted with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. specifications (As per attached drawing)(A) Engineer Grade.....	No	434.00
26107B	0	Tree guard sign :-Providing & fixing sign board made out of 2mm aluminium sheet, size 30cms diameter circle, pretreated with phospheting process and acid etching, painted with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. specifications (As per attached drawing)(B)High Intensity Grade	No	502.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26108A	0	Route marker sign :-Providing & fixing sign boards made out of 2mm aluminium sheet, size 60x45cms. rectangle plus 30x25cms additional plate as per the attached drawing (IRC) pre treated with phosphating process & acid etching. coated with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro sheeting as per latest M.O.S.T. Specifications ; 3.1m long stand post and frame fabricated from iron angle of 35 x 35 x 3mm , 75x75x6mm as required, painted with best quality epoxy coating in black and white bends The details of numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms. for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	3081.00
26108B	0	Route marker sign :-Providing & fixing sign boards made out of 2mm aluminium sheet, size 60x45cms. rectangle plus 30x25cms additional plate as per the attached drawing (IRC) pre treated with phosphating process & acid etching. coated with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro sheeting as per latest M.O.S.T. Specifications ; 3.1m long stand post and frame fabricated from iron angle of 35 x 35 x 3mm , 75x75x6mm as required, painted with best quality epoxy coating in black and white bends The details of numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms. for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(B)High Intensity Grade	No	3170.00
26109A	0	Danger Plate Sign :-Providing & fixing sign board made out of 2mm aluminium sheet, size 30cms diameter circle, pretreated with phosphating process and acid etching, painted with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. specifications (As per attached drawing)(A) Engineer Grade.....	No	434.00
26109B	0	Danger Plate Sign:- Providing & fixing sign board made out of 2mm aluminium sheet, size 30cms diameter circle, pretreated with phosphating process and acid etching, painted with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. specifications (As per attached drawing)(B)High Intensity Grade	No	502.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26110A	0	Railway crossing sign:Providing & Fixing sign boards made out of 2mm aluminium sheet, size 90x90x90cms. triangle plus 90 x 30cms additional plate as per the attached drawing (IRC) pre treated with phospheting process & acid etching. coated with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro sheeting as per latest M.O.S.T. Specifications 3.1. long stand post and frame fabricated from iron angle of 35 x 35 x 3mm , 75 x 75 x 6mm as required painted with best quality epoxy coatings in black and white bends. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 cms for each leg. including excavation curing etc. complete the supervision of engineer in charge.(A) Engineer Grade.....	No	4267.00
26110B	0	Railway crossing sign:Providing & Fixing sign boards made out of 2mm aluminium sheet, size 90x90x90cms. triangle plus 90 x 30cms additional plate as per the attached drawing (IRC) pre treated with phospheting process & acid etching. coated with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro sheeting as per latest M.O.S.T. Specifications 3.1. long stand post and frame fabricated from iron angle of 35 x 35 x 3mm , 75 x 75 x 6mm as required painted with best quality epoxy coatings in black and white bends. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 cms for each leg. including excavation curing etc. complete the supervision of engineer in charge.(B)High Intensity Grade	No	4424.00
26111A	0	Four/Two lane Ahead sign :-Providing & Fixing sign boards made out of 2mm aluminium sheet, size 120 x 120 cms square plus 120 x 60cms additional plate as per the attached drawing pre treated with phosphetingg process & acid etching. coated with one coat of epoxy priemr and two coats of best quality epoxy paint reflectorised with retro sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968,3.1m long (2nos) stand post and frame fabricated either from iron angle of 50x50x5mm, 75x75x6mm as required, painted with best quality epoxy coating in black and white bends The fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	9561.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26111B	0	Four/Two lane Ahead sign :-Providing & Fixing sign boards made out of 2mm aluminium sheet, size 120 x 120 cms square plus 120 x 60cms additional plate as per the attached drawing pre treated with phosphetingg process & acid etching. coated with one coat of epoxy priemr and two coats of best quality epoxy paint reflectorised with retro sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968,3.1m long (2nos) stand post and frame fabricated either from iron angle of 50x50x5mm, 75x75x6mm as required, painted with best quality epoxy coating in black and white bends The fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(B)High Intensity Grade	No	15160.00
26112A	0	Diversion sing board :-Providing & Fixing sign boards made out of 2mm aluminium sheet, size 180 x 60 cms. rectangle as per the attached drawing pre treated with phospheting process & acid etching. coated with one coat of epoxy priemr and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968,3.1m long (2nos) stand post and frame fabricated from iron angle of 35x35x3mm, 50x50x5mm painted with best quality epoxy coatings in blak and white bends. The fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	5585.00
26112B	0	Diversion sing board :-Providing & Fixing sign boards made out of 2mm aluminium sheet, size 180 x 60 cms. rectangle as per the attached drawing pre treated with phospheting process & acid etching. coated with one coat of epoxy priemr and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968,3.1m long (2nos) stand post and frame fabricated from iron angle of 35x35x3mm, 50x50x5mm painted with best quality epoxy coatings in blak and white bends. The fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(B)High Intensity Grade	No	8084.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26113A	0	Kerb guard sign board (small) :-Providing & Fixing sign boards made out of 2mm aluminium sheet, size 240 x 30 cms in U spape; as per the attached drawing pre treated with phospheting process & acid etching. coated with one coat of epoxy priemr and two coats of best quality epoxy paint reflectorised with retro sheeting as per latest M.O.S.T. Specifications; stand post and frame fabricated from iron angle of 50x50x5mm, 10mm sq. bar as required, painted with best quality epoxy coating the fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	4547.00
26113B	0	Kerb guard sign board (small) :-Providing & Fixing sign boards made out of 2mm aluminium sheet, size 240 x 30 cms in U spape; as per the attached drawing pre treated with phospheting process & acid etching. coated with one coat of epoxy priemr and two coats of best quality epoxy paint reflectorised with retro sheeting as per latest M.O.S.T. Specifications; stand post and frame fabricated from iron angle of 50x50x5mm, 10mm sq. bar as required, painted with best quality epoxy coating the fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(B)High Intensity Grade	No	5775.00
26114A	0	Kerb guard sign board (Big) :-Providing & Fixing sign boards made out of 2mm aluminium sheet, size 732 x 30 cms in U spape; as per the attached drawing pre treated with phospheting process & acid etching. coated with one coat of epoxy priemr and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. 3.1m long ; Stand post and frame fabricated from iron angle of 50 x 50 x 5mm, 10mm sq. bar as required, painted with best quality epoxy coating the fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	8913.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26114B	0	Kerb guard sign board (Big) :-Providing & Fixing sign boards made out of 2mm aluminium sheet, size 732 x 30 cms in U spape; as per the attached drawing pre treated with phospheting process & acid etching. coated with one coat of epoxy priemr and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. 3.1m long ; Stand post and frame fabricated from iron angle of 50 x 50 x 5mm, 10mm sq. bar as required, painted with best quality epoxy coating the fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(B)High Intensity Grade	No	14710.00
26115A	0	Around the Island/road direction sign board (Big) :- Providing & Fixing sign boards made out of 2mm aluminium sheet, size 180 x 60 cms rectanglelel as per the attached drawing pre treated with phospheting process & acid etching. coated with one coat of epoxy priemr and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. 3.1m long (2nos) stand post and frame fabricated from iron angle of 50x50x5mm, painted with best quality epoxy coating the fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	5585.00
26115B	0	Around the Island/road direction sign board (Big) :- Providing & Fixing sign boards made out of 2mm aluminium sheet, size 180 x 60 cms rectanglelel as per the attached drawing pre treated with phospheting process & acid etching. coated with one coat of epoxy priemr and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. 3.1m long (2nos) stand post and frame fabricated from iron angle of 50x50x5mm, painted with best quality epoxy coating the fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(B)High Intensity Grade	No	7867.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26116A	0	Around the Island/road direction sign board (Small) :- Providing & Fixing sign boards made out of 2mm aluminium sheet, size 60 x 60 cms square, as per the attached drawing pre treated with phospheting process & acid etching. coated with one coat of epoxy priemr and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. 3.1m long (2nos) stand post and frame fabricated from iron angle of 35x35x3mm, & 50 x 50x 5mm as required painted with best quality epoxy coating the fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade.....	No	2867.00
26116B	0	Around the Island/road direction sign board (Small) :- Providing & Fixing sign boards made out of 2mm aluminium sheet, size 60 x 60 cms square, as per the attached drawing pre treated with phospheting process & acid etching. coated with one coat of epoxy priemr and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. 3.1m long (2nos) stand post and frame fabricated from iron angle of 35x35x3mm, & 50 x 50x 5mm as required painted with best quality epoxy coating the fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms for each leg, including excavation curing etc. complete under the supervision of engineer in charge.(B)High Intensity Grade	No	2958.00
26117A	0	Clearing and grubbing road land including uprooting rank vegetation grass bushes,shrubs,sapling and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials(A) By manual means in area of light jungle	Hectare	50444.00
26117B	0	Clearing and grubbing road land including uprooting rank vegetation grass bushes,shrubs,sapling and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials (B) By manual in area of thorny jungle	Hectare	67259.00
26117C	0	Clearing and grubbing road land including uprooting rank vegetation grass bushes,shrubs,sapling and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials (C) By mechanical means in area of light jungle	Hectare	31702.00
26117D	0	Clearing and grubbing road land including uprooting rank vegetation grass bushes,shrubs,sapling and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials(D) By mechanical means in area of thorny jungle	Hectare	38448.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26118	0	Rolling and consolidation using vibratory road roller 8 - 10 tonne capacity (incl. watering)(A) Earth work (layer not exceeding 200mm thickness)	cu.m	38.70
26118B	0	Rolling and consolidation using vibratory road roller 8 - 10 tonne capacity (B) Granular sub base(Layer not exceeding 150mm thickness)	cu.m	40.00
26118C	0	Rolling and consolidation using vibratory road roller 8 - 10 tonne capacity (C) Water bound Macadam (Layer not exceeding 100mm thickness)	cu.m	75.00
26118D	0	Rolling and consolidation using vibratory road roller 8 - 10 tonne capacity (D) Bituminous Macadam (Layer not exceeding 50mm thickness)	cu.m	26.00
26119		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 of following internal diameter. 1400 mm dia.	Rmt	5520.00
26120		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 of following internal diameter. 1600 mm dia.	Rmt	7279.00
26121		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 of following internal diameter. 1800 mm dia.	Rmt	9211.00
26122		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (i) 300 mm dia.	Rmt	702.00
26123		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (ii) 450 mm dia.	Rmt	1090.00
26124		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (iii) 600 mm dia.	Rmt	1926.00
26125		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (iv) 900 mm dia.	Rmt	3910.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26126		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (v) 1000 mm dia.	Rmt	3316.00
26127		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (vi) 1200 mm dia.	Rmt	4550.00
26128		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (vii) 1400 mm dia.	Rmt	6208.00
26129		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (viii) 1600 mm dia.	Rmt	8096.00
26130		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (x) 1800 mm dia.	Rmt	10023.00
26131		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (i) 300 mm dia.	Rmt	693.00
26132		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (ii) 450 mm dia.	Rmt	986.00
26133		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (iii) 500 mm dia.	Rmt	1202.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26134		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (iv) 600 mm dia.	Rmt	1166.00
26135		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (v) 900 mm dia.	Rmt	2098.00
26136		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (vi) 1000 mm dia.	Rmt	3708.00
26137		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (vii) 1200 mm dia.	Rmt	4024.00
26138		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 casted by vertically vibrated technology of following internal diameter. (viii) 1400 mm dia.	Rmt	5520.00
26139		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 casted by vertically vibrated technology of following internal diameter. 300mm dia.	Rmt	702.00
26140		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 casted by vertically vibrated technology of following internal diameter. 450mm dia.	Rmt	1090.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26141		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 casted by vertically vibrated technology of following internal diameter. 500mm dia.	Rmt	1472.00
26142		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 casted by vertically vibrated technology of following internal diameter. 600mm dia.	Rmt	1908.00
26143		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 casted by vertically vibrated technology of following internal diameter. 900mm dia.	Rmt	2700.00
26144		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 casted by vertically vibrated technology of following internal diameter. 1000mm dia.	Rmt	3316.00
26145		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 casted by vertically vibrated technology of following internal diameter. 1200mm dia.	Rmt	4550.00
26146		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 casted by vertically vibrated technology of following internal diameter. 1400mm dia.	Rmt	6208.00
26147		Preparing and applying of water soluble silane nanotechnology with water (<1000 ppm TDS) in the ratio of 1kg silane : 200 liter water mixed with 0.5 kg acrylic copolymer polymer. Take 1 kg of silane nanotechnology and add in 200 liter water while filling water in tanker/drum and then add 0.5 kg acrylic copolymer. Spray the solution at the rate of 1 liter per sqm on the existing bituminous surface,	sqm	6.50

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26147A		Preparing and applying of water soluble silane nanotechnology with water (<1000 ppm TDS) in the ratio of 1kg silane : 200 liter water mixed with 0.5 kg acrylic copolymer polymer. Take 1 kg of silane nanotechnology and add in 200 liter water while filling water in tanker/drum and then add 0.5 kg acrylic copolymer. Spray the solution at the rate of 3 liter per sqm on the existing bituminous surface,	sqm	19.50
26147B		Preparing and applying of water soluble silane nanotechnology with water (<1000 ppm TDS) in the ratio of 1kg silane : 200 liter water mixed with 0.5 kg acrylic copolymer polymer. Take 1 kg of silane nanotechnology and add in 200 liter water while filling water in tanker/drum and then add 0.5 kg acrylic copolymer. Spray the solution at the rate of 1.5 liter per sqm on the existing bituminous surface, For Morderate Distressed bituminous road	sqm	
26147C		Preparing and applying of water soluble silane nanotechnology with water (<1000 ppm TDS) in the ratio of 1kg silane : 200 liter water mixed with 0.5 kg acrylic copolymer polymer. Take 1 kg of silane nanotechnology and add in 200 liter water while filling water in tanker/drum and then add 0.5 kg acrylic copolymer. Spray the solution at the rate of 2 liter per sqm on the existing bituminous surface, For Severe Distressed bituminous road	sqm	
26148		Preparing and applying of water soluble silane nanotechnology with water (<1000 ppm TDS) in the ratio of 1kg silane : 200 liter water mixed with 0.5 kg acrylic copolymer polymer. Take 1 kg of silane nanotechnology and add in 200 liter water while filling water in tanker/drum and then add 0.5 kg acrylic copolymer. Spray the solution at the rate of 2 liter per sqm on side of shoulders & slopes of the existing bituminous road.	sqm	13.40
26149		Preparing and applying of water soluble silane nanotechnology with water (<1000 ppm TDS) in the ratio of 1kg silane :200 liter water mixed with 0.5 kg acrylic copolymer polymer. Take 1 kg of silane nanotechnology and add in 200 liter water while filling water in tanker/drum and then add 0.5 kg acrylic copolymer. Spray the solution at the rate of 1.5 liter per sqm on the non bituminous surface. Repeat the spray application 4 times.	sqm	25.80

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26150		(i) Rip and loosen the in-situ soil with a tractor operated ripper and rotovator to a depth of 200 mm. (ii) Prepare and apply 0.6 kg silane per CuM of soil with water (<1000 ppm TDS) optimum moisture content (typically 10 to 14%). Spray the solution on loose soil with scarification at optimum moisture content. If the soil is in wet condition than allow it to dry till moisture content reach near to natural moisture content. (iii) Spread single layer of 20-40 mm sizes machine cut aggregates on the graded surface and compact the soil-aggregate with vibro to achieve the desired density. (iv) Prepare and apply the solution of 1 kg silane nanotechnology : 0.5 kg acrylic copolymer (compatible and stable in silane solution) and 100 liter water (<1000 ppm TDS). Spray the solution at the rate of 2.5 liter per sqm on soil-aggregate soil. Compact the soil-aggregate with vibro till hammer in dentation is not seen and achieve smooth stone embedded waterproofed surface.	sqm	179.00
26151		Preparing and applying of water soluble silane nanotechnology (for bitumen emulsion application, IRC approved) with cationic bitumen emulsion CSS1 and water (<1000 ppm TDS) in the ratio of 3 kg silane : 100 kg cationic bitumen emulsion : 500 liter water. Take 3 kg of silane nanotechnology and add in 500 liter water while filling water in tanker/drum and then add 100 kg cationic bitumen emulsion under circulation. Mix the solution completely. Spray the solution at the rate of 1 liter per sqm on the existing bituminous. Check quality of bitumen emulsion before bulk use.	sqm	16.50
26151A		Preparing and applying of water soluble silane nanotechnology (for bitumen emulsion application, IRC approved) with cationic bitumen emulsion CSS1 and water (<1000 ppm TDS) in the ratio of 3 kg silane : 100 kg cationic bitumen emulsion : 300 liter water. Take 3 kg of silane nanotechnology and add in 300 liter water while filling water in tanker/drum and then add 100 kg cationic bitumen emulsion under circulation. Mix the solution completely. Spray the solution at the rate of 1 liter per sqm on the existing bituminous. Check quality of bitumen emulsion before bulk use.	sqm	24.30

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26152		Preparing and applying of water soluble silane nanotechnology (for bitumen emulsion application, IRC approved) with cationic bitumen emulsion CSS1 and water (<1000 ppm TDS) in the ratio of 1.4 kg silane : 100 kg cationic bitumen emulsion : 200 liter water. Take 1.4 kg of silane nanotechnology and add in 200 liter water while filling water in tanker/drum and then add 100 kg cationic bitumen emulsion under circulation. Mix the solution completely. Spray the solution at the rate of 0.4 liter per sqm on the existing bituminous. Check quality of bitumen emulsion before bulk use.	sqm	10.00
26153		Preparing and applying of water soluble silane nanotechnology (for bitumen emulsion application, IRC approved) with cationic bitumen emulsion CSS1 and water (<1000 ppm TDS) in the ratio of 1 kg silane : 100 kg cationic bitumen emulsion : 200 liter water. Take 1 kg of silane nanotechnology and add in 200 liter water while filling water in tanker/drum and then add 100 kg cationic bitumen emulsion under circulation. Mix the solution completely. Spray the solution at the rate of 1 liter per sqm on the existing bituminous. Check quality of bitumen emulsion before bulk use.	sqm	22.60
26154		(i) Shape the pothole in square or rectangle. Clean the surface and remove all loose material. (ii) Prepare the solution in the ratio of 1 kg silane nanotechnology with 100 liter water (< 1000 ppm TDS). Spray the solution 1 liter per sqm to make water resistant pothole / patch. (iii) CSS1 with silane for cold mix: a) Add 0.425 kg silane nanotechnology in 85 kg of CSS1 cationic bitumen emulsion water based under manual stirring. Add 8.5 liter water (<1000ppm TDS) means 10% of CSS1 bitumen emulsion in the solution under manual stirring for improving workability. b) Pour the prepared bitumen emulsion solution on 915 kg aggregates under manual / mechanical mixing. c) Fill and spread the cold mix in pothole / patch area. Compact the mix using mechanical roller or plate compactor. (iv) Spray mixture of 1 kg silane : 200 kg CSS1 : 20 liter water (< 1000 ppm TDS) at the rate of 1 liter per sqm followed by spreading of stone dust on it.	sqm	623.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26155		A (i) Shape the pothole in square or rectangle and remove all loose material. (ii) Prepare the solution in the ratio of 1 kg silane nanotechnology with 100 liter water (< 1000 ppm TDS). Spray the solution 1 liter per sqm to make water resistant pothole / patch.B. Prepare the solution in the ratio of 1 kg silane and 200 liter water (< 1000 ppm TDS). Spray the solution 5% by weight of WMM mix in pug mill for treating WMM mix. Transfer the silane treated mix to site of work by contractors own tipper. Fill water resistant WMM mix in pothole / patch in such a way that top 50 mm depth remain empty for cold mix filling. (change RA according to the depth of pothole). C. Prepare and Spray the mixture of 1 kg silane : 200 kg CSS1 cationic bitumen emulsion water based: 20 liter water (< 1000 ppm TDS) at the rate of 1 liter per sqm on compacted surface. D. a) Add 0.425 kg silane nanotechnology in 85 kg of CSS1 cationic bitumen emulsion water based under manual stirring. Add 8.5 liter water (<1000ppm TDS) means 10% of CSS1 bitumen emulsion in the solution under manual stirring for improving workability. (b) Pour the prepared bitumen emulsion solution on 915 kg aggregates under manual / mechanical mixing. (c) Fill and spread the cold mix in pothole / patch area. Compact the mix using mechanical roller or plate compactor. E. Spray mixture of 1 kg silane : 200 kg CSS1 : 20 liter water (< 1000 ppm TDS) at the rate of 1 liter per sqm followed by spreading of stone dust on it.	sqm	643.00
26156		Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site spreading, grading to required slope and compacting to meet requirement to table 300-2 , Construction of Embankment with Material Obtained from Borrowpits	cu.m	136.00
26157		Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site spreading, grading to required slope and compacting to meet requirement to table 300-2, Construction of Embankment with Material Obtained from Borrowpits area within 0.5 Km Lead	cu.m	304.00
26158		Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site spreading, grading to required slope and compacting to meet requirement to table 300-2, Construction of Embankment with Material Obtained from Borrowpits area within 1.0 Km Lead	cu.m	316.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
26159		Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site spreading, grading to required slope and compacting to meet requirement to table 300-2, Construction of Embankment with Material Obtained from Borrowpits area within 2.0 Km Lead	cu.m	340.00
26160		Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site spreading, grading to required slope and compacting to meet requirement to table 300-2 Construction of Embankment with Material Obtained from Borrowpits area within 3.0 Km Lead	cum	363.00
26161		Providing and laying of Hot applied Thermoplastic compound 2.5 mm thick including Reflectorisng Glass Beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC : 35 & finished surface to be level, uniform and free from streaks and holes. (As per Government letter No.SOR 102003/94/S-1/ Dated.20-7-2004)	Sqm	296.00
26162		Supplying and fixing cat eye (Stimsonite) made out from Acrilo beaultile sterine injuction high compressed molding with reflector made of MMC (prismatic type of size 12cm x 6cm x 2.5cm) provided with bituminous adhesive 100g. with each unit for fixing. (Engineer grade)	No.	175.00
26163		Supplying and fixing cat eye (Stimsonite) made out from Acrilo beaultile sterine injuction high compressed molding with reflector made of MMC (prismatic type of size 12cm x 6cm x 2.5cm) provided with bituminous adhesive 100g. with each unit for fixing. (High Intensity grade)	No.	372.00

CHAPTER-27 BRIDGE WORK

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27001A	0	Dismantling the existing structure including removing and stacking the dismantelled materials as and where directed. (A) R.C.C. work	cu.m	557.00
27001B	0	Dismantling the existing structure including removing and stacking the dismantelled materials as and where directed. (B) Rubble Masonry	cu.m	245.00
27002	0	Providing flood gauge marks on substructure as per design including painting complete.	Sqm	100.00
27003	0	Providing masonry steps with Cement Pointing on approaches as directed. (upto 10 ton)	Steps	122.00
27003A	0	Providing masonry steps with Cement Pointing on approaches as directed. (more than 10 ton)	Steps	138.00
27004A	0	Providing and laying - Fitter Media 600mm thick directed at the back of abutments, returns and wing walls as per detailed specifications. (upto 10 ton)	Sqm	735.00
27004AA	0	Providing and laying - Fitter Media 600mm thick directed at the back of abutments, returns and wing walls as per detailed specifications. (more than 10 ton)	Sqm	742.00
27004B	0	Providing and laying - Fitter Media 900mm thick directed at the back of abutments, returns and wing walls as per detailed specifacations. (upto 10 ton)	Sqm	920.00
27004BA	0	Providing and laying - Fitter Media 900mm thick directed at the back of abutments, returns and wing walls as per detailed specifacations. (more than 10 ton)	Sqm	854.00
27005	0	Providing and filling sand behind abutments and between returns in layers as directed	cu.m	302.00
27006	0	Providing and filling rubbles including hand packing and filling interstices with quarry spalls behind abutments and between returns as directed. (upto 10 ton)	cu.m	765.00
27006A	0	Providing and filling rubbles including hand packing and filling interstices with quarry spalls behind abutments and between returns as directed. (more than 10 ton)	cu.m	712.00
27007A	0	Excavation for foundation in sand, gravel, clay soft soils and murrum etc. including shoring, strutting dewatering as necessary and disposing of the excavated stuff as directed.(A) Depth upto 3.0 M. and lead upto 100m for 10 Cum	cu.m	306.00
27007B	0	Excavation for foundation in sand, gravel, clay soft soils and murrum etc. including shoring, strutting dewatering as necessary and disposing of the excavated stuff as directed.(B) Depth from 3.0 to 6.0 M.and lead upto 100m for 10 Cum	cu.m	359.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27007C	0	Excavation for foundation in sand, gravel, clay soft soils and murrum etc. including shoring, strutting dewatering as necessary and disposing of the excavated stuff as directed.(C) Depth from 6.0M. to 9.0M. and lead upto 100mm considering for	cu.m	396.00
27008	0	Excavation for foundation in hard murrum and boulders and very stiff or sticky, clays and other similar strata including shoring and strutting and dewatering as necessary and disposing of the excavated stuff as directed .	cu.m	366.00
27009	0	Excavation in large boulders and soft rock by welding including shoring, strutting and dewatering as necessary and disposing of the excavated stuff as directed.	cu.m	429.00
27010A	0	Excavation in hard rock by dry-wet blasting and chiselling including dewatering preparing foundation base by proper benching and stepping and disposing of the excavated stuff as directed.(A) General blasting	cu.m	516.00
27010B	0	Excavation in hard rock by dry-wet blasting and chiselling including dewatering preparing foundation base by proper benching and stepping and disposing of the excavated stuff as directed.(B) prohibited Blasting. work.	cu.m	1003.00
27011A1	0	Diversion of water course, providing cofferdam and bund or island as may be necessary for foundation and maintaining the same for the period as may be necessary. (A) Diversion by Channel (F) Abutment Left (including returns/ wing walls)	Each	0.00
27011A2	0	Diversion of water course, providing cofferdam and bund or island as may be necessary for foundation and maintaining the same for the period as may be necessary. (A) Diversion by Channel (V) Pier Nos.	Each	0.00
27011B	0	Diversion of water course, providing cofferdam and bund or island as may be necessary for foundation and maintaining the same for the period as may be necessary. (B) Diversion by cofferdam/Island (F) Abutment right (including returns / wing walls)	Each	0.00
27012	0	Providing and filling in foundation with ordinary Cement concrete M-100 mix and providing necessary vertical pin headers including formwork, vibrating, ramming and curing complete. (upto 10 ton)	cu.m	2272.00
27012A	0	Providing and filling in foundation with ordinary Cement concrete M-100 mix and providing necessary vertical pin headers including formwork, vibrating, ramming and curing complete. (more than 10 ton)	cu.m	2090.00
27013	0	Providing and casting in situ Ordinary cement concrete M-150 for R.C.C. Raft and cut-off walls including necessary shuttering laying, vibrating, ramming and curing complete. (upto 10 ton)	cu.m	2854.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27013A	0	Providing and casting in situ Ordinary cement concrete M-150 for R.C.C. Raft and cut-off walls including necessary shuttering laying, vibrating, ramming and curing complete. (more than 10 ton)	cu.m	2562.00
27014	0	Providing and Casting in situ controlled Cement Concrete M-200 for R.C.C. Raft and cut-off walls including necessary shuttering laying, vibrating, ramming and curing complete. (upto 10 ton)	cu.m	3541.00
27014A	0	Providing and Casting in situ controlled Cement Concrete M-200 for R.C.C. Raft and cut-off walls including necessary shuttering laying, vibrating, ramming and curing complete. (more than 10 ton)	cu.m	3148.00
27015	0	Providing and laying rubble for apron (each stone weighting not less than 40Kg.) including and packing and filing in the interestices with quarry-spalls. (upto 10 ton)	cu.m	771.00
27015A	0	Providing and laying rubble for apron (each stone weighting not less than 40Kg.) including and packing and filing in the interestices with quarry-spalls. (more than 10 ton)	cu.m	693.00
27016	0	Providing and filling sand below R.C.C. Raft in Layers including ramming and watering complete.	cu.m	302.00
27017	0	Providing and filling trenches of Labour charges - Excavator in rocky strata with ordinary cement concrete M-75 (upto 10 ton)	cu.m	1932.00
27017A	0	Providing and filling trenches of Labour charges - Excavator in rocky strata with ordinary cement concrete M-75 (more than 10 ton)	cu.m	1807.00
27018	0	Providing fabricating and setting out steel cutting edges for R.C.C. well curbs including lanching where necessary as per detailed drawing and as directed. (upto 10 ton)	MT	52691.00
27018A	0	Providing fabricating and setting out steel cutting edges for R.C.C. well curbs including lanching where necessary as per detailed drawing and as directed. (more than 10 ton)	MT	44692.00
27019	0	Providing and casting in situ Controlled Cement Concrete M-200 for well crubs including necessary shuttering laying, vibrating and curing complete. (upto 10 ton)	cu.m	3541.00
27019A	0	Providing and casting in situ Controlled Cement Concrete M-200 for well crubs including necessary shuttering laying, vibrating and curing complete. (more than 10 ton)	cu.m	3148.00
27020	0	Providing steel Liner for curbs and steining for wells including fabricating and setting out as per detailed drawing as directed. (upto 10 ton)	MT	52167.00
27020A	0	Providing steel Liner for curbs and steining for wells including fabricating and setting out as per detailed drawing as directed. (more than 10 ton)	MT	44248.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27021	0	Providing and casting in situ ordinary cement concrete M-100 mix for well steining including necessary shuttering, laying, vibrating and curing complete. (upto 10 ton)	cu.m	2716.00
27021A	0	Providing and casting in situ ordinary cement concrete M-100 mix for well steining including necessary shuttering, laying, vibrating and curing complete. (more than 10 ton)	cu.m	2496.00
27022	0	Providing and casting in situ ordinary cement concrete M-150 mix for well steining including, necessary shuttring, laying vibrating and curing complete. (upto 10 ton)	cu.m	3461.00
27022A	0	Providing and casting in situ ordinary cement concrete M-150 mix for well steining including, necessary shuttring, laying vibrating and curing complete. (more than 10 ton)	cu.m	3104.00
27023A	0	Sinking single circular walls of interval Diameter upto 4.0 Mt. and thickness 0.75 to 1.0 Mt. foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering, drop chiselling, loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed.(a)Depth from 0.0 mtr to 3.0 mtr. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.50 meters per day.	Rmt	18582.00
27023B	0	Sinking single circular walls of interval Diameter upto 4.0 Mt. and thickness 0.75 to 1.0 Mt. foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering, drop chiselling, loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed.(b)Additional from 3 to 6 Mtr. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.50 meters per day.	Rmt	20043.00
27023C	0	Sinking single circular walls of interval Diameter upto 4.0 Mt. and thickness 0.75 to 1.0 Mt. foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering, drop chiselling, loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed.(b)Additional from 6 to 9 Mtr. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.50 meters per day.	Rmt	21559.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27023D	0	Sinking single circular walls of interval Diameter upto 4.0 Mt. and thickness 0.75 to 1.0 Mt. foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering, drop chiselling, loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed.(b)Additional from 9 to 12 Mtr. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.50 meters per day.	Rmt	23133.00
27023E	0	Sinking single circular walls of interval Diameter upto 4.0 Mt. and thickness 0.75 to 1.0 Mt. foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering, drop chiselling, loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed.(b)Additional from 12 to 15 Mtr. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.50 meters per day.	Rmt	25269.00
27023F	0	Sinking single circular walls of interval Diameter upto 4.0 Mt. and thickness 0.75 to 1.0 Mt. foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering, drop chiselling, loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed.(b)Additional from 15 to 18 Mtr. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.50 meters per day.	Rmt	26971.00
27023G	0	Sinking single circular walls of interval Diameter upto 4.0 Mt. and thickness 0.75 to 1.0 Mt. foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering, drop chiselling, loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed.(b)Additional from 18 to 21 Mtr. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.50 meters per day.	Rmt	28733.00
27023H	0	Sinking single circular walls of interval Diameter upto 4.0 Mt. and thickness 0.75 to 1.0 Mt. foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering, drop chiselling, loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed.(b)Additional from 21 to 24 Mtr. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.50 meters per day.	Rmt	30554.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27023I	0	Sinking single circular walls of interval Diameter upto 4.0 Mt. and thickness 0.75 to 1.0 Mt. foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering, drop chiselling, loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed.(b)Additional from 24 to 27 Mtr. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.50 meters per day.	Rmt	32435.00
27023J	0	Sinking single circular walls of interval Diameter upto 4.0 Mt. and thickness 0.75 to 1.0 Mt. foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering, drop chiselling, loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed.(b)Additional from 27 to 30 Mtr. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.50 meters per day.	Rmt	34378.00
27024	0	Sinking single circular wells of internal diameter upto 4.0 Mt. thickness 0.75 to 1.0 Mt. for foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering drop-chiselling loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed. Extra for sinking in soft rock. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.25 meter / day	Rmt	26377.00
27025	0	Sinking single circular wells of internal diameter upto 4.0 Mt. thickness 0.75 to 1.0 Mt. for foundation to levels in all sorts of soils including murrum to levels as per drawing by dredging, dewatering drop-chiselling loading with necessary kentledge and other usual means as may be necessary for the type of work including all the necessary plant and machinery complete as directed. Extra for sinking in hard rock. Assuming sinking operation is done for 8 hours per day and during that time well sinks by 0.10 meter / day	Rmt	65942.00
27026	0	Filling in Hollow of steel floating curbs and steining with ordinary cement concrete M-100 grade including vibrating and curing complete. (upto 10 ton)	cu.m	2273.00
27026A	0	Filling in Hollow of steel floating curbs and steining with ordinary cement concrete M-100 grade including vibrating and curing complete. (more than 10 ton)	cu.m	2091.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27027	0	Filling in holow of steel floating curbs and steining with ordinary cement concrete M-150 grade including vibrating and curing complete. (upto 10 ton)	cu.m	2780.00
27027A	0	Filling in holow of steel floating curbs and steining with ordinary cement concrete M-150 grade including vibrating and curing complete. (more than 10 ton)	cu.m	2505.00
27030	0	Load testing of foundation piles including loading with necessary kentledge or any other suitable method as directed.	MT	219.00
27031	0	Providing and laying ordinary cement concrete M-150 mix for bottom plug for well in dry condition, including ramming and curing or under water by tremie or any other suitable method complete. (upto 10 ton)	cu.m	3003.00
27031A	0	Providing and laying ordinary cement concrete M-150 mix for bottom plug for well in dry condition, including ramming and curing or under water by tremie or any other suitable method complete. (more than 10 ton)	cu.m	2704.00
27032	0	Providing and fixing mild steel dowel bars of minimum 32mm dia. for anchoring by drilling holes in foundation strata including necessary bending, hooking of dowel bars and grouting the holes complete as per detailed drawing and as directed.	Rmt	309.00
27033	0	Providing and filling sand in between the top and bottom plugs with good sand in layers including compacting as directed.	cu.m	302.00
27034	0	Providing and casting in situ ordinary cement concrete M-100 mix for top plug for well including laying ramming, vibrating and curing complete. (upto 10 ton)	cu.m	2452.00
27034A	0	Providing and casting in situ ordinary cement concrete M-100 mix for top plug for well including laying ramming, vibrating and curing complete. (more than 10 ton)	cu.m	2254.00
27035	0	Providing and casting in situ controlled cement concrete M-150 for R.C.C. well cap including necessary formwork, vibrating, curing and finishing complete. (upto 10 ton)	cu.m	3167.00
27035A	0	Providing and casting in situ controlled cement concrete M-150 for R.C.C. well cap including necessary formwork, vibrating, curing and finishing complete. (more than 10 ton)	cu.m	2841.00
27036	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. well cap including necessary formwork, vibrating, curing and finishing complete. (upto 10 ton)	cu.m	4099.00
27036A	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. well cap including necessary formwork, vibrating, curing and finishing complete. (more than 10 ton)	cu.m	3641.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27037	0	Providing and placing in position Mild steel bar reinforcement for following items including cutting, bending, hooking and typing complete as per detailed drawing.For well :- curb, staining, cap and RCC Raft. (upto 10 ton)	MT	38162.00
27037A	0	Providing and placing in position Mild steel bar reinforcement for following items including cutting, bending, hooking and typing complete as per detailed drawing.For well :- curb, staining, cap and RCC Raft. (more than 10 ton)	MT	38108.00
27038	0	Providing and placing in position HYSD bar reinforcement for following items including cutting bending hooking and tying complete as per detailed drawing.For well :- curb, staining, cap and RCC Raft. (upto 10 ton)	MT	39426.00
27038A	0	Providing and placing in position HYSD bar reinforcement for following items including cutting bending hooking and tying complete as per detailed drawing.For well :- curb, staining, cap and RCC Raft. (more than 10 ton)	MT	38987.00
27039	0	Empty boring through all sorts of strata for providing 1.20 Mt. diameter R.C.C. bored piles to required depth required depth including providing necessary casing pipe with all plants and equipments as required complete.	Rmt	3327.00
27040	0	Providing and laying controlled cement concrete M-200 for R.C.C. bored piles of 1.20 Mt. diameter including ramming, vibrating, curing and finishing complete. (upto 10 ton)	cu.m	3778.00
27040A	0	Providing and laying controlled cement concrete M-200 for R.C.C. bored piles of 1.20 Mt. diameter including ramming, vibrating, curing and finishing complete. (more than 10 ton)	cu.m	3390.00
27041	0	Providing and laying controlled cement concrete M-250 for R.C.C. bored piles of 1.20 Mt. diameter including ramming, vibrating and finishing complete. (upto 10 ton)	cu.m	4056.00
27041A	0	Providing and laying controlled cement concrete M-250 for R.C.C. bored piles of 1.20 Mt. diameter including ramming, vibrating and finishing complete. (more than 10 ton)	cu.m	3615.00
27042	0	Providing and fixing in position M.S. bar reinforcement for R.C.C.Bored piles as per detailed drawing, including hooking, tying welding and including forming the cage and lowering it in position. (upto 10 ton)	MT	38378.00
27042A	0	Providing and fixing in position M.S. bar reinforcement for R.C.C.Bored piles as per detailed drawing, including hooking, tying welding and including forming the cage and lowering it in position. (more than 10 ton)	MT	38323.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27043	0	Providing and fixing in position high yield strength deformed for R.C.C. bored piles as per detailed drawing, including cutting, bending hooking tying and welding complete and including forming the cage and lowering it in position. (upto 10 ton)	MT	38378.00
27043A	0	Providing and fixing in position high yield strength deformed for R.C.C. bored piles as per detailed drawing, including cutting, bending hooking tying and welding complete and including forming the cage and lowering it in position. (more than 10 ton)	MT	38323.00
27043B		Providing and fixing in position Fe 415 TMT for R.C.C. bored piles as per detailed drawing, including cutting, bending hooking tying and welding complete and including forming the cage and lowering it in position. (up to 10 ton)	MT	43190.00
27043C		Providing and fixing in position Fe 500/500D TMT for R.C.C. bored piles as per detailed drawing, including cutting, bending hooking tying and welding complete and including forming the cage and lowering it in position. (up to 10 ton)	MT	43992.00
27044	0	Load testing of foundation piles including loading with necessary kentledge or any other suitable method as directed.	MT	39262.00
27045	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. pile cap including necessary formwork, vibrating, curing and finishing complete. (upto 10 ton)	cu.m	3748.00
27045A	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. pile cap including necessary formwork, vibrating, curing and finishing complete. (more than 10 ton)	cu.m	3398.00
27046	0	Providing and placing in position mild steel bar reinforcement for pile cap including cutting, bending hooking and tying complete as per detailed drawing. (upto 10 ton)	MT	38162.00
27046A	0	Providing and placing in position mild steel bar reinforcement for pile cap including cutting, bending hooking and tying complete as per detailed drawing. (more than 10 ton)	MT	38108.00
27047	0	Providing and placing in position High yield strength deformed bars for pile cap including cutting, bending hooking, and tying complete as per detailed drawing. (upto 10 ton)	MT	38162.00
27047A	0	Providing and placing in position High yield strength deformed bars for pile cap including cutting, bending hooking, and tying complete as per detailed drawing. (more than 10 ton)	MT	38108.00
27048	0	Providing uncoursed rubble stone masonry in Cement Mortar 1:5 for flooring including curring pointing in Cement Mortar 1:3 on exposed faces complete. (upto 10 ton)	cu.m	1485.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27048A	0	Providing uncoursed rubble stone masonry in Cement Mortar 1:5 for flooring including curring pointing in Cement Mortar 1:3 on exposed faces complete. (more than 10 ton)	cu.m	1417.00
27049A	0	Providing coursed rubble stone masonry in Cement Mortar 1:3 or sub-structure including curing and necessary scaffolding complete (Without cement pointing) (A) Height from 0.0 M. to 5.0 M. (upto 10 ton)	cu.m	1721.00
27049AA	0	Providing coursed rubble stone masonry in Cement Mortar 1:3 or sub-structure including curing and necessary scaffolding complete (Without cement pointing) (A) Height from 0.0 M. to 5.0 M. (more than 10 ton)	cu.m	1581.00
27049B	0	Providing coursed rubble stone masonry in Cement Mortar 1:3 or sub-structure including curing and necessary scaffolding complete (Without cement pointing) (B) Height from 5.0 M. to 10.0 M. (upto 10 ton)	cu.m	1833.00
27049BA	0	Providing coursed rubble stone masonry in Cement Mortar 1:3 or sub-structure including curing and necessary scaffolding complete (Without cement pointing) (B) Height from 5.0 M. to 10.0 M. (more than 10 ton)	cu.m	1742.00
27049C	0	Providing coursed rubble stone masonry in Cement Mortar 1:3 or sub-structure including curing and necessary scaffolding complete (Without cement pointing) (C) Height from 10.0 M. to 15.0 M. (upto 10 ton)	cu.m	1833.00
27049CA	0	Providing coursed rubble stone masonry in Cement Mortar 1:3 or sub-structure including curing and necessary scaffolding complete (Without cement pointing) (C) Height from 10.0 M. to 15.0 M. (more than 10 ton)	cu.m	1742.00
27050	0	Extra for providing Khanki facing over coursed rubble stone masonry for sub structure including raking out joints, Cement pointing in Cement Mortar 1:1 and curing complete.	cu.m	241.00
27050A	0	Providing & laying weep hole in Abutments, and returns by using A.C. pipe of 100mm including laying in proper grede and jointing the completed as per detailed specification.	Each	51.90
27051	0	Providing cement pointing in Cement Mortar 1:3 to masonry work including raking out joints, scaffolding and curing etc. complete.	Sqm	53.70
27052A	0	Providing & casting in situ ordinary cement concrete M-100 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete with V-Groves.(A) Height from 0.0 M. to 5.0 M. (upto 10 ton)	cu.m	2475.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27052AA	0	Providing & casting in situ ordinary cement concrete M-100 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete with V-Groves.(A) Height from 0.0 M. to 5.0 M. (more than 10 ton)	cu.m	2296.00
27052B	0	Providing & casting in situ ordinary cement concrete M-100 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete with V-Groves.(B) Height from 5.0 M. to 10.0 M. (upto 10 ton)	cu.m	2784.00
27052BA	0	Providing & casting in situ ordinary cement concrete M-100 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete with V-Groves.(B) Height from 5.0 M. to 10.0 M. (more than 10 ton)	cu.m	2569.00
27052C	0	Providing & casting in situ ordinary cement concrete M-100 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete with V-Groves.(C) Height from 10.0 M. to 15.0 M. (upto 10 ton)	cu.m	2784.00
27052CA	0	Providing & casting in situ ordinary cement concrete M-100 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete with V-Groves.(C) Height from 10.0 M. to 15.0 M. (more than 10 ton)	cu.m	2569.00
27053A	0	Providing & casting in situ ordinary cement concrete M-100 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete without V-Groves.(A) Height from 0.0 M. to 5.0 M. (upto 10 ton)	cu.m	2410.00
27053AA	0	Providing & casting in situ ordinary cement concrete M-100 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete without V-Groves.(A) Height from 0.0 M. to 5.0 M. (more than 10 ton)	cu.m	2232.00
27053B	0	Providing & casting in situ ordinary cement concrete M-100 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete without V-Groves.(B) Height from 5.0 M. to 10.0 M. (upto 10 ton)	cu.m	2770.00
27053BA	0	Providing & casting in situ ordinary cement concrete M-100 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete without V-Groves.(B) Height from 5.0 M. to 10.0 M. (more than 10 ton)	cu.m	2556.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27053C	0	Providing & casting in situ ordinary cement concrete M-100 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete without V-Groves.(C) Height from 10.0 M. to 15.0 M. (upto 10 ton)	cu.m	2770.00
27053CA	0	Providing & casting in situ ordinary cement concrete M-100 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete without V-Groves.(C) Height from 10.0 M. to 15.0 M. (more than 10 ton)	cu.m	2556.00
27054	0	Providing and fixing in position Mild steel for temperature reinforcement for Mass concrete pier including cutting, bending and tying as required complete. (upto 10 ton)	MT	38162.00
27054A	0	Providing and fixing in position Mild steel for temperature reinforcement for Mass concrete pier including cutting, bending and tying as required complete. (more than 10 ton)	MT	38108.00
27055	0	Providing and fixing in position Mild steel for temperature reinforcement for Mass concrete pier/Abutment/Returns including cutting, bending and tying as required complete.(A) Piers(B) Abutments(C) Returns (upto 10 ton)	MT	38162.00
27055A	0	Providing and fixing in position Mild steel for temperature reinforcement for Mass concrete pier/Abutment/Returns including cutting, bending and tying as required complete.(A) Piers(B) Abutments(C) Returns (more than 10 ton)	MT	38108.00
27056	0	Providing and fixing in position Mild steel dowel bars in pier caps or abutment caps for anchorage in fixed end as per detailed drawings including cutting, bending and welding complete.	Each	242.00
27057	0	Providing and fixing in position Mild steel dowel bars in pier caps or abutments caps for anchorage in free end as per detailed drawing including cutting, bending and welding complete.	Each	335.00
27058	0	Providing and fixing cast steel roller rocker bearings as per detailed drawings. (upto 10 ton)	Tonne Capacity	231.00
27058A	0	Providing and fixing cast steel roller rocker bearings as per detailed drawings. (more than 10 ton)	Tonne Capacity	216.00
27059	0	Providing and fixing Mild steel roller rocker bearings as per detailed drawings. (upto 10 ton)	Tonne Capacity	362.00
27059A	0	Providing and fixing Mild steel roller rocker bearings as per detailed drawings. (more than 10 ton)	Tonne Capacity	337.00
27060	0	Providing and fixing cast steel rocker bearings as per drawings. (upto 10 ton)	Tonne Capacity	113.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27060A	0	Providing and fixing cast steel rocker bearings as per drawings. (more than 10 ton)	Tonne Capacity	105.00
27061	0	Providing and fixing Mild steel rocker bearings as per drawings. (upto 10 ton)	Tonne Capacity	111.00
27061A	0	Providing and fixing Mild steel rocker bearings as per drawings. (more than 10 ton)	Tonne Capacity	103.00
27062	0	Providing and fixing M.S. sliding plate bearings as per drawings. (upto 10 ton)	Tonne Capacity	60.60
27062A	0	Providing and fixing M.S. sliding plate bearings as per drawings. (more than 10 ton)	Tonne Capacity	56.50
27063	0	Providing and fixing M.S. fixed plate bearings as per drawings. (upto 10 ton)	Tonne Capacity	95.20
27063A	0	Providing and fixing M.S. fixed plate bearings as per drawings. (more than 10 ton)	Tonne Capacity	88.80
27064A	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. return as per drawings including centering shuttering, scaffolding where necessary, laying vibrating, curing and finishing complete.(A) Height from 0.0 to 5.0 M. (1) Piers (2) Abutment (3) RCC return (upto 10 ton)	cu.m	3787.00
27064AA	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. return as per drawings including centering shuttering, scaffolding where necessary, laying vibrating, curing and finishing complete.(A) Height from 0.0 to 5.0 M. (1) Piers (2) Abutment (3) RCC return (more than 10 ton)	cu.m	3451.00
27064B	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. return as per drawings including centering shuttering, scaffolding where necessary, laying vibrating, curing and finishing complete.(B) Height from 5.0 to 10.0 M. (1) Piers (2) Abutment (3) RCC return (upto 10 ton)	cu.m	4029.00
27064BA	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. return as per drawings including centering shuttering, scaffolding where necessary, laying vibrating, curing and finishing complete.(B) Height from 5.0 to 10.0 M. (1) Piers (2) Abutment (3) RCC return (more than 10 ton)	cu.m	3669.00
27064C	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. return as per drawings including centering shuttering, scaffolding where necessary, laying vibrating, curing and finishing complete.(C) Height from 10.0 to 15.0 M. (1) Piers (2) Abutment (3) RCC return (upto 10 ton)	cu.m	4632.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27064CA	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. return as per drawings including centering shuttering, scaffolding where necessary, laying vibrating, curing and finishing complete.(C) Height from 10.0 to 15.0 M. (1) Piers (2) Abutment (3) RCC return (more than 10 ton)	cu.m	4213.00
27065A	0	Providing an casting in situ ordinary cement concrete M-150 mix for R.C.C. works in pier cap abutment cap and dirt wall including controlled cement concrete M-200 Bed block or pedestals of required size below bearings as per detailed drawings centering, shutting, scaffolding, wherever necessary, laying vibrating curing and finishing complete. (upto 10 ton)	cu.m	3143.00
27065AA	0	Providing an casting in situ ordinary cement concrete M-150 mix for R.C.C. works in pier cap abutment cap and dirt wall including controlled cement concrete M-200 Bed block or pedestals of required size below bearings as per detailed drawings centering, shutting, scaffolding, wherever necessary, laying vibrating curing and finishing complete. (more than 10 ton)	cu.m	2901.00
27065B	0	Providing and casting in situ controlled cement concrete M-150 mix for R.C.C. works in pier cap, abutment cap and dirt wall including controlled cement concrete M-200 bed blocks or pedstals of required size below bearings as per detailed drawings, centering shuttering, scaffolding, wherever necessary, laying vibating, curing and finishing complete. (upto 10 ton)	cu.m	3462.00
27065BA	0	Providing and casting in situ controlled cement concrete M-150 mix for R.C.C. works in pier cap, abutment cap and dirt wall including controlled cement concrete M-200 bed blocks or pedstals of required size below bearings as per detailed drawings, centering shuttering, scaffolding, wherever necessary, laying vibating, curing and finishing complete. (more than 10 ton)	cu.m	3191.00
27066A	0	Providing and casting in situ ordinary cement concrete M-200 for R.C.C. works in pier cap abutment cap and dirt wall including controlled cement concrete M-250 Bed block or pedestal or required size below bearings as per detailed drawings, centering, shuttering, scaffolding, wherever necessary, laying vibrating curing and finishing complete. (upto 10 ton)	cu.m	3483.00
27066AA	0	Providing and casting in situ ordinary cement concrete M-200 for R.C.C. works in pier cap abutment cap and dirt wall including controlled cement concrete M-250 Bed block or pedestal or required size below bearings as per detailed drawings, centering, shuttering, scaffolding, wherever necessary, laying vibrating curing and finishing complete. (more than 10 ton)	cu.m	3181.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27066B	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. work in pier cap,abutment cap and dirt wall including controlled cement concrete M-250 bed blocks or pedestals of required size below bearings as per detailed drawings, centering, shuttering, scaffolding, wherever necessary, laying vibrating, curing and finishing complete. (upto 10 ton)	cu.m	3841.00
27066BA	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. work in pier cap,abutment cap and dirt wall including controlled cement concrete M-250 bed blocks or pedestals of required size below bearings as per detailed drawings, centering, shuttering, scaffolding, wherever necessary, laying vibrating, curing and finishing complete. (more than 10 ton)	cu.m	3503.00
27067	0	Providing and casting in situ ordinary cement concrete M-150 for coping, over riding returns including formwork curing and finishing complete. (upto 10 ton)	cu.m	2929.00
27067A	0	Providing and casting in situ ordinary cement concrete M-150 for coping, over riding returns including formwork curing and finishing complete. (more than 10 ton)	cu.m	2642.00
27068	0	Providing and laying in position mild steel bar reinforcement including cutting, bending, hooking and tying and complete as per detailed drawings for the following.(A) Piers (B)Abutments(C) R.C.C. Returns (upto 10 ton)	MT	38162.00
27068A	0	Providing and laying in position mild steel bar reinforcement including cutting, bending, hooking and tying and complete as per detailed drawings for the following.(A) Piers (B)Abutments(C) R.C.C. Returns (more than 10 ton)	MT	38108.00
27069	0	Providing and laying in position high yield strength deformed bar reinforcement including cutting, bending, hooking and tying complete as per detailed drawings for the following.(A) Piers (B) Abutments (C) R.C.C. Returns (upto 10 ton)	MT	39426.00
27069A	0	Providing and laying in position high yield strength deformed bar reinforcement including cutting, bending, hooking and tying complete as per detailed drawings for the following.(A) Piers (B) Abutments (C) R.C.C. Returns (more than 10 ton)	MT	38987.00
27070	0	Providing and laying in position Mild steel bar reinforcement including cutting, bending, hooking and tying complete as per detailed for the following.(A) Abutment cap & Dirt wall. (B) Pier Cap. (upto 10 ton)	MT	38162.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27070A	0	Providing and laying in position Mild steel bar reinforcement including cutting, bending, hooking and tying complete as per detailed for the following.(A) Abutment cap & Dirt wall. (B) Pier Cap. (more than 10 ton)	MT	38108.00
27071	0	Providing and laying in position High yield strength deformed bar reinforcement including cutting, bending, hooking and tying complete as per detailed for the following. (A) Abutment cap & Dirt wall. (B) Pier Cap. (upto 10 ton)	MT	39426.00
27071A	0	Providing and laying in position High yield strength deformed bar reinforcement including cutting, bending, hooking and tying complete as per detailed for the following. (A) Abutment cap & Dirt wall. (B) Pier Cap. (more than 10 ton)	MT	38987.00
27072	0	Providing and fixing in position fully moulded restrained elastometric Bearings as per detailed drawings.	cu.m	1.10
27073A	0	Providing and casting in situ ordinary cement concrete M-150 for R.C.C. solid slab including centering, scaffolding, curing and finishing complete. (upto 10 ton)	cu.m	3123.00
27073AA	0	Providing and casting in situ ordinary cement concrete M-150 for R.C.C. solid slab including centering, scaffolding, curing and finishing complete. (more than 10 ton)	cu.m	2881.00
27073B	0	Providing and casting in situ controlled cement concrete M-150 for R.C.C. solid slab including centering, scaffolding, curing and finishing complete. (upto 10 ton)	cu.m	3832.00
27073BA	0	Providing and casting in situ controlled cement concrete M-150 for R.C.C. solid slab including centering, scaffolding, curing and finishing complete. (more than 10 ton)	cu.m	3561.00
27074A	0	Providing and casting in situ ordinary Cement concrete M-200 for R.C.C. solid slab including centering, scaffolding curing and finishing complete. (upto 10 ton)	cu.m	3465.00
27074AA	0	Providing and casting in situ ordinary Cement concrete M-200 for R.C.C. solid slab including centering, scaffolding curing and finishing complete. (more than 10 ton)	cu.m	3165.00
27074B	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. solid slab including centering, scaffolding, curing and finishing complete. (upto 10 ton)	cu.m	3903.00
27074BA	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. solid slab including centering, scaffolding, curing and finishing complete. (more than 10 ton)	cu.m	3603.00
27075	0	Providing and casting in situ controlled cement concrete M-150 for R.C.C. solid slab including centering, scaffolding curing and finishing complete. (upto 10 ton)	cu.m	4418.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27075A	0	Providing and casting in situ controlled cement concrete M-150 for R.C.C. solid slab including centering, scaffolding curing and finishing complete. (more than 10 ton)	cu.m	4045.00
27076A1	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. work in superstructure including centering, ramming vibrating curing and finishing complete.(A) T-Beam and Deck slab type of superstructure (I) Deck slab (upto 10 ton)	cu.m	4213.00
27076A1 A	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. work in superstructure including centering, ramming vibrating curing and finishing complete.(A) T-Beam and Deck slab type of superstructure (I) Deck slab (more than 10 ton)	cu.m	3877.00
27076A2	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. work in superstructure including centering, ramming vibrating curing and finishing complete.(A) T-Beam and Deck slab type of superstructure (II) Main and cross Girder (upto 10 ton)	cu.m	4213.00
27076A2 A	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. work in superstructure including centering, ramming vibrating curing and finishing complete.(A) T-Beam and Deck slab type of superstructure (II) Main and cross Girder (more than 10 ton)	cu.m	3877.00
27076B1	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. work in superstructure including centering, ramming vibrating curing and finishing complete.(B) Balanced cantilever box type superstructure. (I) Deck slab (upto 10 ton)	cu.m	4213.00
27076B1 A	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. work in superstructure including centering, ramming vibrating curing and finishing complete.(B) Balanced cantilever box type superstructure. (I) Deck slab (more than 10 ton)	cu.m	3877.00
27076B2	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. work in superstructure including centering, ramming vibrating curing and finishing complete.(B) Balanced cantilever box type superstructure. (II) Webs,Bottom slabs and Diaphragms (upto 10 ton)	cu.m	4233.00
27076B2 A	0	Providing and casting in situ controlled cement concrete M-200 for R.C.C. work in superstructure including centering, ramming vibrating curing and finishing complete.(B) Balanced cantilever box type superstructure. (II) Webs,Bottom slabs and Diaphragms (more than 10 ton)	cu.m	3895.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27077A1	0	Providing and casting in situ controlled cement concrete M-250 for R.C.C. work in superstructure including centering, shuttering scaffolding, ramming, vibrating curing and finishing complete.(A) T-Beam and Deck slab type of superstructure (I) Deck slab (upto 10 ton)	cu.m	4497.00
27077A1 A	0	Providing and casting in situ controlled cement concrete M-250 for R.C.C. work in superstructure including centering, shuttering scaffolding, ramming, vibrating curing and finishing complete.(A) T-Beam and Deck slab type of superstructure (I) Deck slab (more than 10 ton)	cu.m	4111.00
27077A2	0	Providing and casting in situ controlled cement concrete M-250 for R.C.C. work in superstructure including centering, shuttering scaffolding, ramming, vibrating curing and finishing complete.(A) T-Beam and Deck slab type of superstructure (II) Main and cross Girder (upto 10 ton)	cu.m	4497.00
27077A2 A	0	Providing and casting in situ controlled cement concrete M-250 for R.C.C. work in superstructure including centering, shuttering scaffolding, ramming, vibrating curing and finishing complete.(A) T-Beam and Deck slab type of superstructure (II) Main and cross Girder (more than 10 ton)	cu.m	4111.00
27077B1	0	Providing and casting in situ controlled cement concrete M-250 for R.C.C. work in superstructure including centering, shuttering scaffolding, ramming, vibrating curing and finishing complete.(B) Balanced cantilever box type supersturcture. (I) Deck slab (upto 10 ton)	cu.m	4485.00
27077B1 A	0	Providing and casting in situ controlled cement concrete M-250 for R.C.C. work in superstructure including centering, shuttering scaffolding, ramming, vibrating curing and finishing complete.(B) Balanced cantilever box type supersturcture. (I) Deck slab (more than 10 ton)	cu.m	4099.00
27077B2	0	Providing and casting in situ controlled cement concrete M-250 for R.C.C. work in superstructure including centering, shuttering scaffolding, ramming, vibrating curing and finishing complete.(B) Balanced cantilever box type supersturcture. (II) Webs,Bottom slabs and Diaphragms (upto 10 ton)	cu.m	4093.00
27077B2 A	0	Providing and casting in situ controlled cement concrete M-250 for R.C.C. work in superstructure including centering, shuttering scaffolding, ramming, vibrating curing and finishing complete.(B) Balanced cantilever box type supersturcture. (II) Webs,Bottom slabs and Diaphragms (more than 10 ton)	cu.m	3707.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27078A	0	Providing and placing in position Mild steel bar reinforcement including cutting bending hooking and tying complete as per detailed drawing for (A) Solid Slab. (upto 10 ton)	MT	38162.00
27078AA	0	Providing and placing in position Mild steel bar reinforcement including cutting bending hooking and tying complete as per detailed drawing for (A) Solid Slab. (more than 10 ton)	MT	38108.00
27078B	0	Providing and placing in position Mild steel bar reinforcement including cutting bending hooking and tying complete as per detailed drawing for (B) T-Beam and Deck slab type of superstructure (I) Deck slab (II) Main and cross Girder (upto 10 ton)	MT	38818.00
27078BA	0	Providing and placing in position Mild steel bar reinforcement including cutting bending hooking and tying complete as per detailed drawing for (B) T-Beam and Deck slab type of superstructure (I) Deck slab (II) Main and cross Girder (more than 10 ton)	MT	38764.00
27078C	0	Providing and placing in position Mild steel bar reinforcement including cutting bending hooking and tying complete as per detailed drawing for (C) Balanced cantilever box type superstructure. (I) Deck slab (II) Webs,Bottom slabs and Diaphragms (upto 10 ton)	MT	39416.00
27078CA	0	Providing and placing in position Mild steel bar reinforcement including cutting bending hooking and tying complete as per detailed drawing for (C) Balanced cantilever box type superstructure. (I) Deck slab (II) Webs,Bottom slabs and Diaphragms (more than 10 ton)	MT	31551.00
27079A	0	Providing and placing in position High yield strength deformed bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(A) Solid Slab. (upto 10 ton)	MT	39757.00
27079AA	0	Providing and placing in position High yield strength deformed bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(A) Solid Slab. (more than 10 ton)	MT	39703.00
27079B	0	Providing and placing in position High yield strength deformed bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(B) T-Beam and Deck slab type of superstructure (I) Deck slab (II) Main and cross Girder (upto 10 ton)	MT	40422.00
27079BA	0	Providing and placing in position High yield strength deformed bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(B) T-Beam and Deck slab type of superstructure (I) Deck slab (II) Main and cross Girder (more than 10 ton)	MT	40369.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27079C	0	Providing and placing in position High yield strength deformed bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(C) Balanced cantilever box type superstructure.(I) Deck slab (II) Webs,Bottom slabs and Diaphragms (upto 10 ton)	MT	41088.00
27079CA	0	Providing and placing in position High yield strength deformed bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(C) Balanced cantilever box type superstructure.(I) Deck slab (II) Webs,Bottom slabs and Diaphragms (more than 10 ton)	MT	41034.00
27080	0	Providing and casting in situ or precast controlled Cement Concrete M-350 for prestressed concrete work in Super structure including centering, shuttering, curing, scaffolding, ramming, vibrating, finishing, launching or shifting complete.(I) Solid Slab. (II) Deck Slab. (III) Main Girders.(IV) Diaphragm or cross girder. (upto 10 ton)	cu.m	5514.00
27080A	0	Providing and casting in situ or precast controlled Cement Concrete M-350 for prestressed concrete work in Super structure including centering, shuttering, curing, scaffolding, ramming, vibrating, finishing, launching or shifting complete.(I) Solid Slab. (II) Deck Slab. (III) Main Girders.(IV) Diaphragm or cross girder. (more than 10 ton)	cu.m	5168.00
27081	0	Providing and casting in situ or precast controlled Cement Concrete M-400 for prestressed concrete work in Super structure including centering, shuttering, curing, scaffolding, ramming, vibrating, finishing, launching or shifting complete.(I) Solid Slab.(II) Deck Slab.(III) Main Girders.(IV) Diaphragm or cross girder. (upto 10 ton)	cu.m	5526.00
27081A	0	Providing and casting in situ or precast controlled Cement Concrete M-400 for prestressed concrete work in Super structure including centering, shuttering, curing, scaffolding, ramming, vibrating, finishing, launching or shifting complete.(I) Solid Slab.(II) Deck Slab.(III) Main Girders.(IV) Diaphragm or cross girder. (more than 10 ton)	cu.m	5163.00
27082	0	Providing and casting in situ or precast controlled Cement Concrete M-450 for prestressed concrete work in Super structure including centering, shuttering, curing, scaffolding, ramming, vibrating, finishing, launching or shifting complete.(I) Solid Slab.(II) Deck Slab.(III) Main Girders.(IV) Diaphragm or cross girder. (upto 10 ton)	cu.m	5673.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27082A	0	Providing and casting in situ or precast controlled Cement Concrete M-450 for prestressed concrete work in Super structure including centering, shuttering, curing, scaffolding, ramming, vibrating, finishing, launching or shifting complete.(I) Solid Slab.(II) Deck Slab.(III) Main Girders.(IV) Diaphragm or cross girder. (more than 10 ton)	cu.m	5283.00
27083	0	Providing and casting in situ or precast controlled Cement Concrete M-500 for prestressed concrete work in Super structure including centering, shuttering, curing, scaffolding, ramming, vibrating, finishing, launching or shifting complete.(I) Solid Slab.(II) Deck Slab.(III) Main Girders.(IV) Diaphragm or cross girder. (upto 10 ton)	cu.m	5977.00
27083A	0	Providing and casting in situ or precast controlled Cement Concrete M-500 for prestressed concrete work in Super structure including centering, shuttering, curing, scaffolding, ramming, vibrating, finishing, launching or shifting complete.(I) Solid Slab.(II) Deck Slab.(III) Main Girders.(IV) Diaphragm or cross girder. (more than 10 ton)	cu.m	5560.00
27084	0	Providing and fixing in position to exact profile high tensile steel wires of required ultimate strength including bending, cutting, tying providing necessary standard and anchorages, sheathing, stressing, grouting, ducts as per detailed drawing including necessary plant and machinery complete. (upto 10 ton)	MT	77983.00
27084A	0	Providing and fixing in position to exact profile high tensile steel wires of required ultimate strength including bending, cutting, tying providing necessary standard and anchorages, sheathing, stressing, grouting, ducts as per detailed drawing including necessary plant and machinery complete. (more than 10 ton)	MT	67691.00
27085A	0	Providing and placing in position Mild steel bar reinforcement including cutting, bending hooking and tying complete as per detailed drawings.(I) Solid Slab. (II) Deck Slab. (upto 10 ton)	MT	38162.00
27085AA	0	Providing and placing in position Mild steel bar reinforcement including cutting, bending hooking and tying complete as per detailed drawings.(I) Solid Slab. (II) Deck Slab. (more than 10 ton)	MT	38108.00
27085B	0	Providing and placing in position Mild steel bar reinforcement including cutting, bending hooking and tying complete as per detailed drawings.(III) Main Girders. (IV) Diaphragm or cross girder. (upto 10 ton)	MT	38828.00
27085BA	0	Providing and placing in position Mild steel bar reinforcement including cutting, bending hooking and tying complete as per detailed drawings.(III) Main Girders. (IV) Diaphragm or cross girder. (more than 10 ton)	MT	38774.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27086A	0	Providing and placing in position H.Y.S.D. Bar reinforcement including, cutting, bending hooking and tying complete as per detailed drawings.(I) Solid Slab.(II) Deck Slab. (upto 10 ton)	MT	39757.00
27086AA	0	Providing and placing in position H.Y.S.D. Bar reinforcement including, cutting, bending hooking and tying complete as per detailed drawings.(I) Solid Slab.(II) Deck Slab. (more than 10 ton)	MT	39703.00
27086B	0	Providing and placing in position H.Y.S.D. Bar reinforcement including, cutting, bending hooking and tying complete as per detailed drawings.(III) Main Girders.(IV) Diaphragm or cross girder. (upto 10 ton)	MT	40422.00
27086BA	0	Providing and placing in position H.Y.S.D. Bar reinforcement including, cutting, bending hooking and tying complete as per detailed drawings.(III) Main Girders.(IV) Diaphragm or cross girder. (more than 10 ton)	MT	40369.00
27087	0	Providing Pre-moulded asphalt filler joints as per drawings.(A) 12mm	Sqm	726.00
27088	0	Providing and fixing metal expansion joints as per drawings. Details of expansion joint 50 x 50 x 6mm size two IS and 100 x 6mm MS plate with 6 x 20 x 25mm long hold fast @ 50 cm / cc on both sides of expansion joints.	Rmt	1503.00
27089	0	Carrying out load test of super structure as directed including all necessary materials plant equipment, instruments, labour and arrangements for test directed.	MT	187.00
27090A	0	Providing and casting in situ ordinary cement concrete M-150 for average 75 mm thick wearing coat laid as directed including tamping ,vibrating, finishing, curing and filling in joints with bitumen complete. (upto 10 ton)	cu.m	2903.00
27090AA	0	Providing and casting in situ ordinary cement concrete M-150 for average 75 mm thick wearing coat laid as directed including tamping ,vibrating, finishing, curing and filling in joints with bitumen complete. (more than 10 ton)	cu.m	2613.00
27090B	0	Providing and casting in situ controlled cement concrete M-150 for average 75 mm thick Wearing coat laid as directed including tamping ,vibrating, finishing, curing and filling in joints with bitumen complete. (upto 10 ton)	cu.m	3295.00
27090BA	0	Providing and casting in situ controlled cement concrete M-150 for average 75 mm thick Wearing coat laid as directed including tamping ,vibrating, finishing, curing and filling in joints with bitumen complete. (more than 10 ton)	cu.m	3005.00
27091A	0	Providing and casting in situ ordinary cement concrete M-200 for average 75 mm thick wearing coat laid as directed including tamping ,vibrating, finishing, curing and filling in joints with bitumen complete. (upto 10 ton)	cu.m	3329.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27091AA	0	Providing and casting in situ ordinary cement concrete M-200 for average 75 mm thick wearing coat laid as directed including tamping, vibrating, finishing, curing and filling in joints with bitumen complete. (more than 10 ton)	cu.m	2979.00
27091B	0	Providing and casting in situ controlled cement concrete M-200 for average 75 mm thick wearing coat laid as directed including tamping, vibrating, finishing, curing and filling in joints with bitumen complete (upto 10 ton)	cu.m	4074.00
27091BA	0	Providing and casting in situ controlled cement concrete M-200 for average 75 mm thick wearing coat laid as directed including tamping, vibrating, finishing, curing and filling in joints with bitumen complete (more than 10 ton)	cu.m	3683.00
27092A	0	Providing and casting in situ ordinary cement concrete M-150 for Kerbs / kerb blocks including formwork, curing and finishing complete. (upto 10 ton)	cu.m	2995.00
27092AA	0	Providing and casting in situ ordinary cement concrete M-150 for Kerbs / kerb blocks including formwork, curing and finishing complete. (more than 10 ton)	cu.m	2705.00
27092B	0	Providing and casting in situ controlled cement concrete M-150 for Kerb/kerb blocks including formwork curing and finishing, complete. (upto 10 ton)	cu.m	3303.00
27092BA	0	Providing and casting in situ controlled cement concrete M-150 for Kerb/kerb blocks including formwork curing and finishing, complete. (more than 10 ton)	cu.m	3013.00
27093A	0	Providing and casting in situ ordinary cement concrete M-200 for Kerbs/Kerb blocks including formwork, curing and finishing complete. (upto 10 ton)	cu.m	3329.00
27093AA	0	Providing and casting in situ ordinary cement concrete M-200 for Kerbs/Kerb blocks including formwork, curing and finishing complete. (more than 10 ton)	cu.m	2979.00
27093B	0	Providing and casting in situ controlled cement concrete M-200 for Kerb/ kerb blocks including formwork curing and finishing, complete (upto 10 ton)	cu.m	3736.00
27093BA	0	Providing and casting in situ controlled cement concrete M-200 for Kerb/ kerb blocks including formwork curing and finishing, complete (more than 10 ton)	cu.m	3385.00
27094	0	Providing and laying precast R.C.C footpath slab in controlled cement concrete of M-200 grade (7.0Cm. thickness including necessary reinforcement and providing and setting cement chequered tiles in C.M. 1:5 as per drawing including necessary formwork, curing and finishing complete. (upto 10 ton)	cu.m	756.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27094A	0	Providing and laying precast R.C.C footpath slab in controlled cement concrete of M-200 grade (7.0Cm. thickness including necessary reinforcement and providing and setting cement chequered tiles in C.M. 1:5 as per drawing including necessary formwork, curing and finishing complete. (more than 10 ton)	cu.m	691.00
27095A1	0	Providing parapet of ordinary cement concrete M-150 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete. (i) Precast. (upto 10 ton)	Sqm	670.00
27095A1 A	0	Providing parapet of ordinary cement concrete M-150 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete. (i) Precast. (more than 10 ton)	Sqm	616.00
27095A2	0	Providing parapet of ordinary cement concrete M-150 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete. (ii) Cast in situ. (upto 10 ton)	Rmt	670.00
27095A2 A	0	Providing parapet of ordinary cement concrete M-150 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete. (ii) Cast in situ. (more than 10 ton)	Rmt	616.00
27095B1	0	Providing parapet of controlled cement concrete M-150 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete. (i) Precast. (upto 10 ton)	Rmt	793.00
27095B1 A	0	Providing parapet of controlled cement concrete M-150 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete. (i) Precast. (more than 10 ton)	Rmt	732.00
27095B2	0	Providing parapet of controlled cement concrete M-150 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete. (ii) Cast in situ. (upto 10 ton)	Rmt	793.00
27095B2 A	0	Providing parapet of controlled cement concrete M-150 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete. (ii) Cast in situ. (more than 10 ton)	Rmt	732.00
27096A1	0	Providing parapet of ordinary cement concrete M-200 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete. (i) Precast. (upto 10 ton)	Rmt	733.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27096A1 A	0	Providing parapet of ordinary cement concrete M-200 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete.(i) Precast. (more than 10 ton)	Rmt	668.00
27096A2	0	Providing parapet of ordinary cement concrete M-200 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete.(ii) Cast in situ. (upto 10 ton)	Rmt	733.00
27096A2 A	0	Providing parapet of ordinary cement concrete M-200 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete.(ii) Cast in situ. (more than 10 ton)	Rmt	668.00
27096B1	0	Providing parapet of ordinary cement concrete M-200 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete.(i) Precast. (upto 10 ton)	Rmt	816.00
27096B1 A	0	Providing parapet of ordinary cement concrete M-200 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete.(i) Precast. (more than 10 ton)	Rmt	739.00
27096B2	0	Providing parapet of ordinary cement concrete M-200 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete.(ii) Cast in situ. (upto 10 ton)	Rmt	816.00
27096B2 A	0	Providing parapet of ordinary cement concrete M-200 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete.(ii) Cast in situ. (more than 10 ton)	Rmt	739.00
27097	0	Providing and fixing post and pipe railing as per detailed drawing including 3 coats of painting to steel works complete. (upto 10 ton)	Rmt	1069.00
27097A	0	Providing and fixing post and pipe railing as per detailed drawing including 3 coats of painting to steel works complete. (more than 10 ton)	Rmt	1062.00
27098	0	Providing G.I. 100mm diameter water spouts including necessary iron gratings as per drawings. (upto 10 ton)	Each	598.00
27098A	0	Providing G.I. 100mm diameter water spouts including necessary iron gratings as per drawings. (more than 10 ton)	Each	501.00
27099	0	Providing C.I. 100mm diameter water spouts including necessary iron gratings as per drawings. (upto 10 ton)	Each	529.00
27099A	0	Providing C.I. 100mm diameter water spouts including necessary iron gratings as per drawings. (more than 10 ton)	Each	853.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27100	0	Providing P.V.C. 100 mm diameter water spouts including necessary iron gratings as per drawings. (upto 10 ton)	Each	186.00
27100A	0	Providing P.V.C. 100 mm diameter water spouts including necessary iron gratings as per drawings. (more than 10 ton)	Each	186.00
27101A	0	Providing and fixing marble slab including engraving and painting complete. (i) Size 75cm x 60cm x 4cm.	Each	946.00
27101B	0	Providing and fixing marble slab including engraving and painting complete. (ii) Size 60cm x 60cm x 4cm.	Each	819.00
27101C	0	Providing and fixing marble slab including engraving and painting complete. (iii) Size 60cm x 45cm x 4cm.	Each	786.00
27102A	0	Providing and casting in situ ordinary cement concrete concrete M-150 for approach slab including formwork curing and finishing complete. (upto 10 ton)	cu.m	2893.00
27102AA	0	Providing and casting in situ ordinary cement concrete concrete M-150 for approach slab including formwork curing and finishing complete. (more than 10 ton)	cu.m	2603.00
27102B	0	Providing and casting in situ controlled cement concrete concrete M-150 for approach slab cluding formwork curing and finishing complete. (upto 10 ton)	cu.m	3581.00
27102BA	0	Providing and casting in situ controlled cement concrete concrete M-150 for approach slab cluding formwork curing and finishing complete. (more than 10 ton)	cu.m	3257.00
27103A	0	Providing and casting in situ ordinary cement concrete concrete M-200 for approach slab including formwork curing and finishing complete. (upto 10 ton)	cu.m	3220.00
27103AA	0	Providing and casting in situ ordinary cement concrete concrete M-200 for approach slab including formwork curing and finishing complete. (more than 10 ton)	cu.m	2870.00
27103B	0	Providing and casting in situ controlled cement concrete concrete M-200 for approach slab including formwork curing and finishing complete. (upto 10 ton)	cu.m	3953.00
27103BA	0	Providing and casting in situ controlled cement concrete concrete M-200 for approach slab including formwork curing and finishing complete. (more than 10 ton)	cu.m	3562.00
27104	0	Providing and fixing in position Mild steel bar reinforcement including cutting, bending and tying complete as per detailed drawings.(A) R.C.C. Kerb. (B) R.C.C. Footpath.(C) R.C.C. Approach slab.(D) Wearing Coat. (upto 10 ton)	MT	38162.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27104A	0	Providing and fixing in position Mild steel bar reinforcement including cutting, bending and tying complete as per detailed drawings.(A) R.C.C. Kerb. (B) R.C.C. Footpath.(C) R.C.C. Approach slab.(D) Wearing Coat. (more than 10 ton)	MT	38108.00
27105	0	Providing and fixing in position H.Y.S.D. bar reinforcement including cutting, bending and tying complete as per detailed drawings. (A) R.C.C. Kerb. (B) R.C.C. Footpath.(C) R.C.C. Approach slab.(D) Wearing Coat. (upto 10 ton)	MT	39757.00
27105A	0	Providing and fixing in position H.Y.S.D. bar reinforcement including cutting, bending and tying complete as per detailed drawings. (A) R.C.C. Kerb. (B) R.C.C. Footpath.(C) R.C.C. Approach slab.(D) Wearing Coat. (more than 10 ton)	MT	39703.00
27106		Providing and placing in position FE 415 TMT bar reinforcement for following items including cutting bending hooking and tying complete as per detailed drawing.For well :- curb, staining, cap and RCC Raft. (upto 10 ton)	MT	44211.00
27107		Providing and placing in position FE 500/500D bar reinforcement for following items including cutting bending hooking and tying complete as per detailed drawing.For well :- curb, staining, cap and RCC Raft. (upto 10 ton)	MT	45008.00
27108		Providing and laying in position FE 415 TMT bar reinforcement including cutting, bending, hooking and tying complete as per detailed drawings for the following.(A) Piers (B) Abutments (C) R.C.C. Returns (upto 10 ton)	MT	44211.00
27109		Providing and laying in position FE 500/500D TMT bar reinforcement including cutting, bending, hooking and tying complete as per detailed drawings for the following.(A) Piers (B) Abutments (C) R.C.C. Returns (upto 10 ton)	MT	45008.00
27110		Providing and laying in position FE 415 TMT bar reinforcement including cutting, bending, hooking and tying complete as per detailed for the following. (A) Abutment cap & Dirt wall. (B) Pier Cap. (upto 10 ton)	MT	44211.00
27111		Providing and laying in position FE 500/500D TMT bar reinforcement including cutting, bending, hooking and tying complete as per detailed for the following. (A) Abutment cap & Dirt wall. (B) Pier Cap. (upto 10 ton)	MT	45008.00
27112		Providing and placing in position FE 415 TMT bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(A) Solid Slab. (upto 10 ton)	MT	42947.00
27113		Providing and placing in position FE 500/500D TMT bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(A) Solid Slab. (upto 10 ton)	MT	43744.00

Item Code	Item No.as per NBO	Description	Unit	Proposed Rate
27114		Providing and placing in position FE 415 TMT bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(B) T-Beam and Deck slab type of superstructure (I) Deck slab (II) Main and cross Girder (upto 10 ton)	MT	43612.00
27115		Providing and placing in position FE 500/500D TMT bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(B) T-Beam and Deck slab type of superstructure (I) Deck slab (II) Main and cross Girder (upto 10 ton)	MT	44410.00
27116		Providing and placing in position FE 415 TMT bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(C) Balanced cantilever box type superstructure.(I) Deck slab (II) Webs,Bottom slabs and Diaphragms (upto 10 ton)	MT	44278.00
27117		Providing and placing in position FE 500/500D TMT bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(C) Balanced cantilever box type superstructure.(I) Deck slab (II) Webs,Bottom slabs and Diaphragms (upto 10 ton)	MT	45075.00
27118		Providing and placing in position FE 415 TMT Bar reinforcement including, cutting, bending hooking and tying complete as per detailed drawings.(I) Solid Slab.(II) Deck Slab. (upto 10 ton)	MT	42947.00
27119		Providing and placing in position FE 500/500D TMT. Bar reinforcement including, cutting, bending hooking and tying complete as per detailed drawings.(I) Solid Slab.(II) Deck Slab. (upto 10 ton)	MT	43744.00
27120		Providing and placing in position FE 415 TMT Bar reinforcement including, cutting, bending hooking and tying complete as per detailed drawings.(III) Main Girders.(IV) Diaphragm or cross girder. (upto 10 ton)	MT	43612.00
27121		Providing and placing in position FE 500/500D TMT Bar reinforcement including, cutting, bending hooking and tying complete as per detailed drawings.(III) Main Girders.(IV) Diaphragm or cross girder. (upto 10 ton)	MT	44410.00
27122		Providing and fixing in position FE 415 TMT bar reinforcement including cutting, bending and tying complete as per detailed drawings. (A) R.C.C. Kerb. (B) R.C.C. Footpath.(C) R.C.C. Approach slab.(D) Wearing Coat. (upto 10 ton)	MT	42947.00
27123		Providing and fixing in position FE 500/500D TMT bar reinforcement including cutting, bending and tying complete as per detailed drawings. (A) R.C.C. Kerb. (B) R.C.C. Footpath.(C) R.C.C. Approach slab.(D) Wearing Coat. (upto 10 ton)	MT	43744.00